RECEIVED

OCT 1 9 2005

Form 3160-3 (August 1999)

UNITED STATES BLM VERNAL, UTAH DEPARTMENT OF THE INTERIOR

OMB No. 1004-0136 Expires November 30, 2000

5. Lease Serial No.

UTU-38420

FORM APPROVED

DUKEAU OF LAND	MANAGEMENT			010	
APPLICATION FOR PERMIT	TER	6. If Indian, Allottee	or Tribe Name		
la. Type of Work: X DRILL	REENTER			7. If Unit or CA Agre	eement, Name and No.
				8. Lease Name and V	Well No.
b. Type of Well: Oil Well X Gas Well Othe	er 🗍 Si	ngle Zone	Multiple Zone		ZA 1023-7G
o: Type of trem					2711023 7 3
2. Name of Operator WESTRODT OIL & GAS COMPANY I P				9. API Well No.	
WESTPORT OIL & GAS COMPANY, L.P. 3A. Address	3b Phone No.	(include area co	de)	10. Field and Pool, or	Exploratory
1368 SOUTH 1200 EAST, VERNAL, UTAH 8407		(435) 781-7	•	Natura 1	4 '4 17
4. Location of Well (Report location clearly and in accordance	with any State requ				or Blk, and Survey or Area
At surface SWNE 1941' FNL 2110' FEL		ŕ		SEC 7-1	T10S-R23E
At proposed prod. Zone					
14. Distance in miles and direction from nearest town or post of	ffice*			12. County or Parish	13. State
26.95 MILES SOUTHEAST OF OURAY, UTAH				UINTAH	UT
15. Distance from proposed*	16. No. of Ac	res in lease	17. Spacing Unit dec	licated to this well	
location to nearest property or lease line, ft. 1941'					
(Also to nearest drig. unit line, if any)		36.6	e.	40	
18. Distance from proposed location* to perset well drilling completed REFER	TO 19. Proposed	Depth	20. BLM/BIA Bond		
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. REFER TOPO	0 C 8	400'		CO-1203	
21. Elevations (Show whether DF, KDB, RT, GL, etc.)		nate date work wi		23. Estimated duration	
5322.4' GL		UPON APPRO	OVAL	TO BE DI	ETERMINED
	24. A	ttachments			
The following, completed in accordance with the requirements of	of Onshore Oil and O	Gas Order No. 1,	shall be attached to thi	s form:	
1. Well plat certified by a registered surveyor.	1	4. Bond to co	ver the operations un	less covered by an exist	ting bond on file (see
2. A Drilling Plan.		Item 20 ab	ove).		
3. A Surface Use Plan (if the location is on National Forest Sys	tem Lands, the	5. Operator ce	rtification.		
SUPO shall be filed with the appropriate Forest Service Office	1	6. Such other	site specific information	on and/or plans as may l	be required by the
301 O shan be fried with the appropriate 1 of the best file		authorized	•		
25. Signature	Nam	e (Printed/Typed,)	•	Date
Delra Smerica	1	Di	EBRA DOMENIO	CI I	10/18/2005
Title		2011451174	LANALVOT		
	OCIATE ENVI				Date
Approved by (Signature)	Nam	e (Printed/Typed,	,	į	Date
Title	Offic	e			
Application approval does not warrant or certify that the application	ant holds legal or eq	uitable title to the	ose rights in the subjec	t lease which would ent	itle the applicant to conduc
operations thereon.					
Conditions of approval, if any, are attached.					
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212,	make it a crime for	any person knowi	ngly and willfully to r	nake to any department	or agency of the United
States any false, fictitious or fraudulent statements or representa	ations as to any matt	er within its juris	diction.		

*(Instructions on reverse)

Form 3160-3				I.	4 APPROV No. 1004-0	
(August 1999) UNITED STA	TES				lovember 3	
DEPARTMENT OF TH		OR		5. Lease Serial No		
BUREAU OF LAND MA	NAGEMENT				U-3842	
APPLICATION FOR PERMIT T	O DRIL	L OR REEN	NTER	6. If Indian, Allott	ee or Tribe	Name
1a. Type of Work: X DRILL RI	EENTER			7. If Unit or CA A	greement, l	Name and No.
				8. Lease Name and	l Well No.	
b. Type of Well: Oil Well X Gas Well Other		Single Zone 🗓 🗴	Multiple Zone	BONA	NZA 102	!3-7G
Name of Operator WESTPORT OIL & GAS COMPANY, L.P.						-37.326
3A. Address 1368 SOUTH 1200 EAST, VERNAL, UTAH 84078		lo. (include area co (435) 781-7		10. Field and Pool,	VB ()	Buttes
4. Location of Well (Report location clearly and in accordance with At surface SWNE 1941' FNL 2110' FEL 6394		39.945308	?	11. Sec., T., R., M. SEC 7	, or B (k, an - T10S-R	
At proposed prod. Zone 44 2	49734	-109.36	7079			
14. Distance in miles and direction from nearest town or post office 26.95 MILES SOUTHEAST OF OURAY, UTAH	*			12. County or Paris UINTAH		13. State UT
15. Distance from proposed* location to nearest	16. No. of A	Acres in lease	17. Spacing Unit de	dicated to this well		
property or lease line, ft. (Also to nearest drig. unit line, if any)	_1	636.6		40		
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. REFER TO TOPO C	19. Propose	d Depth 8400'	20. BLM/BIA Bond	No. on file CO-1203		
21. Elevations (Show whether DF, KDB, RT, GL, etc.)	22. Approx	mate date work wi		23. Estimated durat		ID IED
5322.4' GL		UPON APPRO	OVAL	TO BE D	EIERM	INED
	24. A	ttachments				·
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2. A Drilling Plan.		Item 20 abo	ove).			
3. A Surface Use Plan (if the location is on National Forest System	Lands, the	5. Operator ce	rtification.			
SUPO shall be filed with the appropriate Forest Service Office.		6. Such other s	site specific informatio	n and/or plans as may	be require	d by the
		authorized o	office.			· ·
25. Signature	Nan	ne (Printed/Typed)			Date	
Della menico	i	D B	EBRA DOMENIC	CI .	10	/18/2005
Title		RONMENTAL				
Approved by Signature		ne (Printed/Typed)			Date	6-05
7 1100		TAL SCIENTIS	T III			
Application approval does not warrant or certify that the applicant he	olds legal or ed	uitable title to thos	se rights in the subject	lease which would en	title the app	plicant to conduct
operations thereon.		•				
Conditions of approval, if any, are attached.						
Title 18 U.S.C. Section 1001and Title 43 U.S.C. Section 1212, make				ake to any department	or agency	of the United
States any false, fictitious or fraudulent statements or representations	as to any mat	ter within its jurisd	icuon.			
*(Instructions on reverse)						

Federal Approval of this Action is Necessary RECEIVED OCT 2 4 2005

DIV. OF OIL, GAS & MINING

. ALOUE IL OLO

T10S, R23E, S.L.B.&M. 1995 Alum. Cap, Pile of Stones -N89*43'47"E - 2612.85' (Meas.) N89°55'59"E - 2635.71' (Meas.) 1995 Alum. Cap, 1991 Alum. Cap, 0.2' Above 1.5' High 0.2' High, Pile Pile of Stones of Stones LOT 1 2640.91' 4 3,62,20.00N LOT 2 93, BONANZA #1023-7G Elev. Ungraded Ground = 5322' N00.02 2110' 1991 Brass Cap. 1995 Alum. Cap, 0.2' High, Steel Post, 3/4" Rebar, 0.7' High, Pile of Stones Pile of Stones LOT 3 10, 2634. *\\00.00.32''E V00.04'41"W* LOT 4 1991 Alum. Cap, 1995 Alum. Cap, 1.3' High, Pile of 0.2' High, Pile Stones, Steel Post of Stones Alum. Cap N89°24'59"E - 2630.50' (Meas.) 589°41'02"E - 2636.50' (Meas.) R(NAD 83) LATITUDE = 39.57.55.30" (39.965361) LEGEND: LONGITUDE = 109°22'03.50" (109.367639) = 90° SYMBOL (NAD 27) LATITUDE = 39.57.55.42" (39.965394) = PROPOSED WELL HEAD. LONGITUDE = 109°22'01.05" (109.366958) = SECTION CORNERS LOCATED.

WESTPORT OIL AND GAS COMPANY, L.P.

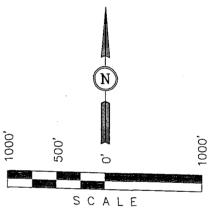
Well location, BONANZA #1023—7G, located as shown in the SW 1/4 NE 1/4 of Section 7, T10S, R23E, S.L.B.&M. Uintah County, Utah.

BASIS OF ELEVATION

BENCH MARK 58 EAM (1965) LOCATED IN THE NE 1/4 OF SECTION 30, T9S, R23E, S.L.B.&M. TAKEN FROM THE RED WASH SE, QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5132 FEET.

BASIS OF BEARINGS

BASIS OF BEARINGS IS A. G.P.S. OBSERVATION.



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELLEN

REGISTERED LAND SURVEYOR REGISTRATION NO. 161319 STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING 85 SOUTH 200 EAST - VERNAL, UTAH 84078

(435) 789-1017

SCALE					
1" = 1000'		SURVEYED: -25-05	DATE DRAWN: 09-13-05		
T.B. B.C. P.M.		REFERENCES G.L.O. PLAT			
WEATHER FILE WARM WESTPORT OIL AND GAS COMPANY, L.					

BONANZA 1023-7G SWNE SEC 7-T10S-R23E UINTAH COUNTY, UTAH UTU-38420

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1. Estimated Tops of Important Geologic Markers:

Formation	
Uinta	0- Surface
Green River	1610'
Wasatch	4140'
Mesaverde	6250'
TD	8400'

2. Estimated Depths of Anticipated Water, Oil, Gas, or Mineral Formations:

Substance	<u>Formation</u>	<u>Depth</u>
	Green River	1610'
Gas	Wasatch	4140'
Gas	Mesaverde	6250'
Water	N/A	
Other Minerals	N/A	

3. Pressure Control Equipment (Schematic Attached)

Please refer to the attached Drilling Program.

4. Proposed Casing & Cementing Program:

Please refer to the attached Drilling Program.

5. **Drilling Fluids Program:**

Please refer to the attached Drilling Program.

6. Evaluation Program:

Please refer to the attached Drilling Program.

7. Abnormal Conditions:

Maximum anticipated bottomhole pressure calculated at 8400' TD, approximately equals 3360 psi (calculated at 0.4 psi/foot).

Maximum anticipated surface pressure equals approximately 1512 psi (bottomhole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot).

8. Anticipated Starting Dates:

Drilling is planned to commence immediately upon approval of this application.

9. <u>Variances:</u>

Please refer to the attached Drilling Program.

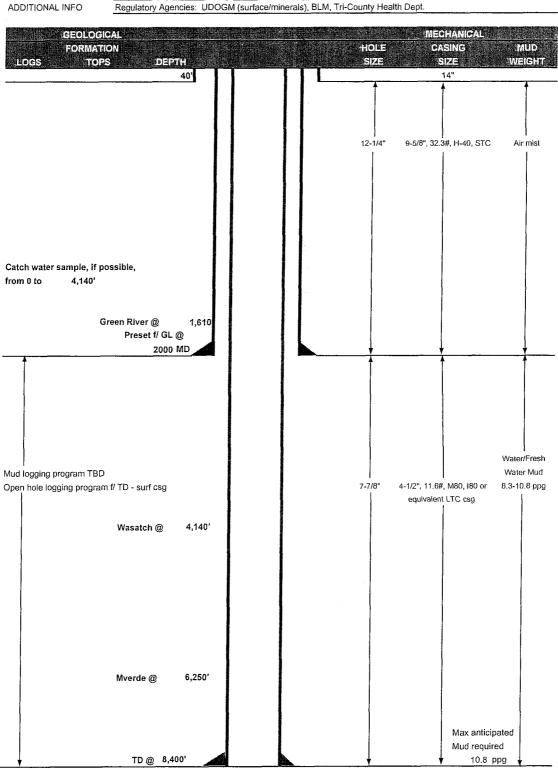
10. Other Information:

Please refer to the attached Drilling Program.



Westport Oil and Gas Company, L.P. <u>DRILLING PROGRAM</u>

COMPAN'	YNAME \	Nestport Oil a	nd Gas Co., L.	Ρ.		DATE	Septemb	er 27, 2005			
WELL NA	ME I	BONANZA	1023-7G			D	8,400'	MD/TVD			
FIELD	Natural Butte	s (COUNTY Uinta	ah ST.	ATE Utah		ELEVATION	5,322'	GL	KE	5,337'
SURFACE	LOCATION	SWNE SEC	TION 7-T10S-	R23E 1941'	FNL & 2110	'FEL				BHL	Straight Hole
		Latitude:	39.965361	Longitude:	109.3676	39					
OBJECTIV	/E ZONE(S)	Wasatch/M	esaverde								
ADDITION	IAL INFO	Regulatory	Regulatory Agencies: UDOGM (surface/minerals), BLM, Tri-County Health Dept.								





Westport Oil and Gas Company, L.P.

DRILLING PROGRAM

CASING PROGRAM

								AND CONTRACTOR OF THE PARTY OF	Inches I	CONTRACTOR OF THE PROPERTY OF THE PARTY OF T
	SIZE	JA.	TERV	AL	WT.	GR.	CPLG.	BURST	COLLAPSE	TENSION
CONDUCTOR	14"		0-40'							
								2270	1370	254000
SURFACE	9-5/8"	0	to	2000	32.30	H-40	STC	0.79*****	1.58	4.49
								7780	6350	201000
PRODUCTION	4-1/2"	0	to	8400	11.60	M-80 or I-80	LTC	2.71	1.35	2.36

¹⁾ Max Anticipated Surf. Press.(MASP) (Surface Casing) = (Pore Pressure at next csg point-(0.22 psi/ft-partial evac gradient x TVD of next csg point)

(Burst Assumptions: TD = 10.8 ppg)

.22 psi/ft = gradient for partially evac wellbore

(Collapse Assumption: Fully Evacuated Casing, Max MW)

(Tension Assumptions: Air Weight of Casing*Buoy.Fact. of water)

Burst SF is low but csg. is much stronger than formation at 2000'. EMW @ 2000' for 2270# is 21.8 ppg or 1.13 psi/ft

CEMENT PROGRAM

	FT. OF FILL	DESCRIPTION	SACKS	EXCESS	WEIGHT	YIELD
SURFACE LEAD	***************************************	Premium cmt + 2% CaCl	215	60%	15.60	1.18
Option 1		+ .25 pps flocele				
TOP OUT CMT (1)	200	20 gals sodium silicate + Premium cmt	50		15.60	1.18
		+ 2% CaCl + .25 pps flocele				
TOP OUT CMT (2)	as required	Premium cmt + 2% CaCl	as req.		15.60	1.18
SURFACE		NOTE: If well will circulate water to s	urface, op	tion 2 will t	e utilized	
Option 2 LEAD	1500	Prem cmt + 16% Gel + 10 pps gilsonite	170	35%	11.00	3.82
		+.25 pps Flocele + 3% salt BWOC				
TAIL	500	Premium cmt + 2% CaCl	180	35%	15.60	1.18
		+ .25 pps flocele				
TOP OUT CMT	as required	Premium cmt + 2% CaCl	as req.		15.60	1.18
PRODUCTION LEAD	3,640'	Premium Lite II + 3% KCl + 0.25 pps	380	60%	11.00	3.38
		celloflake + 5 pps gilsonite + 10% gel				ļ
		+ 0.5% extender				
			,			
TAIL	4,760'	50/50 Poz/G + 10% salt + 2% gel	1330	60%	14.30	1.31

^{*}Substitute caliper hole volume plus 0% excess for LEAD if accurate caliper is obtained

FLOAT EQUIPMENT & CENTRALIZERS

SURFACE	Guide shoe, 1 jt, insert float. Centralize first 3 joints with bow spring centralizers. Thread lock guide shoe.
PRODUCTION	Float shoe, 1 jt, float collar. Centralize first 3 joints & every third joint to top of tail cement with bow spring centralizers.

ADDITIONAL INFORMATION

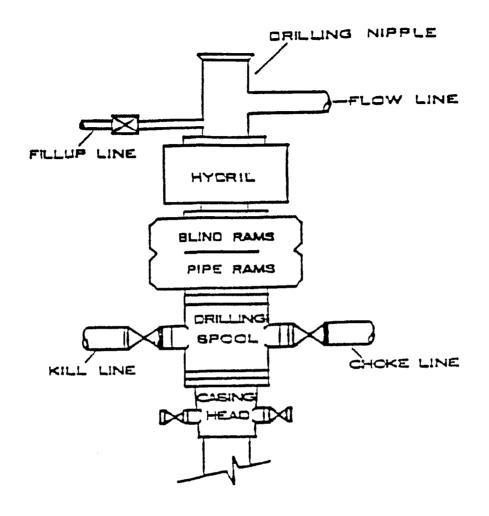
ENGINEER: DATE:	
Most rigs have PVT Systems for mud monitoring. If no PVT is available, visual monitoring will be utilized.	_
Drop Totco surveys every 2000'. Maximum allowable hole angle is 5 degrees.	_
& lower kelly valves.	_
tour sheet. Function test rams on each trip. Maintain safety valve & inside BOP on rig floor at all times. Kelly to be equipped with upper	_
BOPE: 11" 3M with one annular and 2 rams. Test to 3,000 psi (annular to 1,500 psi) prior to drilling out. Record on chart recorder &	
Test casing head to 750 psi after installing. Test surface casing to 1,500 psi prior to drilling out.	

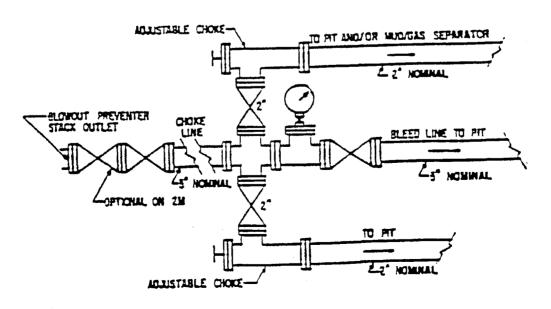
DRILLING ENGINEER:			DATE:	
	Brad Laney			
DRILLING SUPERINTENDENT:			DATE:	
	Randy Bayne	1023-7G_APD.xls		

²⁾ MASP (Prod Casing) = Pore Pressure at TD - (.22 psi/ft-partial evac gradient x TD)

^{*}Substitute caliper hole volume plus 15% excess for TAIL if accurate caliper is obtained

EOP STACK





BONANZA 1023-7G SWNE SEC 7-T10S-R23E UINTAH COUNTY, UTAH UTU-38420

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. Existing Roads:

Directions to the proposed location are attached.

Refer to Topo Maps A and B for location of access roads within a 2-mile radius.

All existing roads will be maintained and kept in good repair during all drilling and completion operations associated with this well.

2. Planned Access Roads:

The proposed access road is approximately 0.15 miles +/-. Refer to Topo Map B.

The access road will be crowned (2 to 3%), ditched and constructed with a running surface of 18 feet and a maximum disturbed width of 30 feet. Graveling or capping the roadbed will be performed as necessary to provide a well constructed, safe road. Prior to construction or upgrading, the proposed road shall be cleared of any snow and allowed to dry completely.

Surface disturbance and vehicular traffic will be limited to the proposed location and proposed access route. Any additional area needed will be approved in advance. All construction shall be in conformance with the standards outlined in the BLM and Forest Service publication: <u>Surface Operating Standards for Oil and Gas Exploration and Development</u>. 1989.

The road surface and shoulders will be kept in a safe and usable condition and will be maintained in accordance with the original construction standards. All drainage ditches will be kept clear and free-flowing and will be maintained according to original construction standards. The access road surface will be kept free of trash during operations. All traffic will be confined to the approved disturbed surface. Road drainage crossings shall be designed so they will not cause siltation or accumulation of debris in the drainage crossing or shall the drainages be blocked by the road bed. Erosion of drainage ditches by runoff water shall be prevented by diverting water off at frequent intervals by means of cutouts. Should mud holes develop, they shall be filled in and detours around them avoided. When snow is removed from the road during the winter months, the snow shall be pushed outside of the borrow ditches, and the turnouts kept clear so that snowmelt will be channeled away from the road.

3. Location of Existing Wells Within a 1-Mile Radius

Please refer to Topo Map C.

4. Location of Existing & Proposed Facilities

The following guidelines will apply if the well is productive.

All production facilities will be located on the disturbed portion of the well pad and at a minimum of 25 feet from the toe of the back slope or the top of the fill slope.

A dike will be constructed completely around those production facilities which contain fluids (i.e., production tanks, produced water tanks, and/or heater/treater). These dikes will be constructed of compacted subsoil, be impervious, hold 100% of the capacity of the largest tank, and be independent of the back cut.

All permanent (on-site six months or longer) above the ground structures constructed or installed, including pumping units, will be painted a flat, non-reflective, earthtone color to match one of the standard environmental colors, as determined by the five state Rocky Mountain Inter-Agency Committee.

All facilities will be painted within six months of installation. Facilities required to comply with the Occupational Safety and Health Act (OSHA) will be excluded. The requested color is Carlsbad Canyon (2.5 Y 6/2) as determined during the on-site inspection.

Any necessary pits will be properly fenced to protect livestock and prevent wildlife entry.

Refer to Topo Map D for the placement of the proposed pipeline.

Exceptions to Best Management Practices (BMPs) Requested:

Approximately 82' of 4" steel pipeline will be installed on surface within the access corridor for the well location. As a Best Management Practice (BMP), the pipeline would be buried within the access road corridor if possible. The construction of pipelines requires the corridor of 30 feet.

This exception to the BMP should be granted by the BLM Authorized Officer because indurated bedrock, such as sandstone, is at or within 2 feet of the surface and the soil type has a poor history for successful rehabilitation.

5. Location and Type of Water Supply:

Water for drilling purposes will be obtained from Dalbo Inc.'s underground well located in Ouray, Utah, Sec.32, T4S,R3E, Water User Claim #43-8496, Application #53617.

Where available a 2" or 3" poly pipe will be installed with the existing rights-of-way to supply water during drilling and completion operations. There will be no new disturbance needed and the poly line will be removed after completion operations. The fresh water will be supplied from the power plant located within the following Sections 23, 24, 25, 26, 35, & 36, T8S, R23E.

Water will be hauled to location over the roads marked on Maps A and B.

No water well is to be drilled on this lease.

6. Source of Construction Materials:

Surface and subsoil materials in the immediate area will be utilized.

Any gravel will be obtained from a commercial source.

7. Methods of Handling Waste Materials

Drill cuttings will be contained and buried in the reserve pit.

Drilling fluids, including salts and chemicals, will be contained in the reserve pit. Upon termination of drilling and completion operations, the liquid contents of the reserve pit will be removed and disposed of at an approved waste disposal facility within 120 days after drilling is terminated.

The reserve pit will be constructed on the location and will not be located within natural drainage, where a flood hazard exists or surface runoff will destroy or damage the pit walls. The reserve pit will be constructed so that it will not leak, break, or allow discharge of liquids.

A plastic reinforced liner is to be used as discussed during on-site inspection. It will be a minimum of 20 mil thick and felt, with sufficient bedding used to cover any rocks. The liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash or scrap that could puncture the liner will be disposed of in the pit.

Any spills of oil, gas, salt water, or other noxious fluids will be immediately cleaned up and removed to an approved disposal site.

A chemical porta-toilet will be furnished with the drilling rig.

Garbage, trash, and other waste materials will be collected in a portable, self-contained, fully enclosed trash cage during operations. No trash will be burned on location.

All debris and other waste material not contained in the trash cage will be cleaned up and removed from the location immediately after removal of the drilling rig.

Any open pits will be fenced during the operations. The fencing will be maintained until such time as the pits are backfilled.

No chemicals subject to reporting under SARA Title III (hazardous materials) in an amount greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling of this well.

Any produced water from the proposed well will be contained in a water tank and will then be hauled by truck to one of the pre-approved disposal sites: RNI, Sec. 5, T9S, R22E, NBU #159, Sec. 35, T9S, R21E, Ace Oilfield, Sec. 2, T6S, R20E, MC&MC, Sec. 12, T6S, R19E. (Request is in lieu of filing Form 3160-5, after initial production).

8. Ancillary Facilities:

None are anticipated.

9. Well Site Layout: (See Location Layout Diagram)

The attached Location Layout Diagram describes drill pad cross-sections, cuts and fills, and locations of the mud tanks, reserve pit, flare pit, pipe racks, trailer parking, spoil dirt stockpile(s), and surface material stockpile(s).

Please see the attached diagram to describe rig orientation, parking areas, and access roads.

39 inch net wire will be used with at least one strand of barbed wire on top of the net wire. Barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence.

The net wire shall be no more than two inches above the ground. The barbed wire shall be three inches over the net wire. Total height of the fence shall be at least 42 inches.

Corner posts shall be cemented and/or braced in such a manner to keep the fence tight at all times.

Standard steel, wood, or pipe posts shall be used between the corner braces. Maximum distance between any 2 fence posts shall be no greater than 16 feet.

All wire shall be stretched, by using a stretching device, before it is attached to corner posts.

The reserve pit fencing will be on three sides during drilling operations, and on the fourth side when the rig moves off location. Pits will be fenced and maintained until cleanup.

10. Plans for Reclamation of the Surface:

Producing Location:

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, materials, trash, and debris not required for production.

Immediately upon well completion, any hydrocarbons in the pit shall be removed in accordance with 43 CFR 3162.7-1.

Before any dirt work associated with location restoration takes place, the reserve pit shall be as dry as possible. All debris in it will be removed. Other waste and spoil materials will be disposed of immediately upon completion of operations.

The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximate natural contours. The reserve pit will be reclaimed within 90 days from the date of well completion, weather permitting.

To prevent surface water(s) from standing (ponding) on the reclaimed reserve pit area, final reclamation of the reserve pit will consist of "mounding" the surface three feet above surrounding ground surface to allow the reclaimed pit area to drain effectively.

Upon completion of backfilling, leveling, and recontouring of the pit, the stockpiled topsoil will be spread evenly over the location up to the rig anchor points, the location shall be reshaped to the

original contour to the extent possible, and the location will be reseeded with Crested Wheatgrass using appropriate reclamation methods.

Dry Hole/Abandoned Location:

Abandoned well sites, roads, and other disturbed areas will be restored as near as practical to their original condition. Where applicable, these conditions include the re-establishment of irrigation systems, the re-establishment of appropriate soil conditions, and re-establishment of vegetation as specified.

All disturbed surfaces will be recontoured to the approximate natural contours, with reclamation of the well pad and access road to be performed as soon as practical after final abandonment. Reseeding operations will be performed after completion of other reclamation operations.

11. Surface Ownership:

United States of America Bureau of Land Management 170 South 500 East Vernal, UT 84078 (435) 789-1362

12. Lease Stipulations:

No construction or drilling May 15 through July 20.

13. Other Information:

A Class III archaeological survey and a paleontological survey have been completed and the reports will be submitted separately.

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, the approved Plan of Operations, and any applicable Notice of Lessees. The Operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished to the field representative to ensure compliance. The Operator will control noxious weeds along Rights-Of-Way for roads, pipelines, well sites, or other applicable facilities.

This location is not within 460' from the boundary of the Natural Buttes Unit, nor is it within 460' of any non-committed tract lying within the boundaries of the Unit.

Seed Mixture:

The following seed mixture will be used during interim reclamation:

Crested Wheatgrass

6 lb/acre

Needle and Thread Grass

6 lb/acre

Operator will contact the BLM for the seed mixture when final reclamation of the location occurs.

14. Lessee's or Operators's Representative & Certification:

Debra Domenici Associate Environmental Analyst Westport O&G Co. 1368 South 1200 East Vernal, UT 84078 (435) 781-7060 Randy Bayne Drilling Manager Westport O&G Co. 1368 South 1200 East Vernal, UT 84078 (435)781-7018

Certification: All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved Plan of Operations, and any applicable Notice to Lessees.

The Operator will be fully responsible for the actions of its subcontractors. A complete copy of the approved "Application for Permit to Drill" will be furnished to the field representative(s) to ensure compliance and shall be on location during all construction and drilling operations.

Westport Oil &Gas Company is considered to be the operator of the subject well. Westport Oil & Gas Company agrees to be responsible under the terms and the conditions of the lease for the operations conducted upon leased lands.

Bond coverage pursuant to 43 CFR 3104 for the lease activities is being provided by BLM Nationwide Bond #CO-1203.

I hereby certify that the proposed drill site and access route has been inspected and that I am familiar with the conditions that currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and the work associated with the operations proposed herein will be performed by the Operator, its contractors, and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

Delra Domenici

October 18, 2005

Date

WESTPORT OIL AND GAS COMPANY, L.P. BONANZA #1023-7G SECTION 7, T10S, R23E, S.L.B.&M.

PROCEED IN A WESTERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 14.0 MILES TO THE JUNCTION OF STATE HIGHWAY 88; EXIT LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 17.0 MILES TO OURAY, UTAH; PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 0.3 MILES ON THE SEEP RIDGE ROAD TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN LEFT AND PROCEED IN AN EASTERLY DIRECTION APPROXIMATELY 12.3 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH; TURN RIGHT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 1.7 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST: TURN LEFT AND PROCEED IN AN EASTERLY DIRECTION APPROXIMATELY 1.9 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST; TURN RIGHT AND PROCEED IN A SOUTHEASTERLY DIRECTION APPROXIMATELY 0.5 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST: TURN LEFT AND EASTERLY, THEN AN SOUTHEASTERLY DIRECTION APPROXIMATELY 3.3 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHWEST; TURN RIGHT AND PROCEED IN A SOUTHWESTERLY DIRECTION APPROXIMATELY 0.7 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST: TURN LEFT AND PROCEED IN A SOUTHEASTERLY, THEN SOUTHERLY DIRECTION APPROXIMATELY 1.9 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH; TURN RIGHT AND PROCEED IN A SOUTHERLY. THEN SOUTHWESTERLY, THEN SOUTHERLY. SOUTHEASTERLY DIRECTION APPROXIMATELY 3.4 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTH; TURN LEFT AND PROCEED IN A NORTHERLY DIRECTION APPROXIMATELY 0.3 MILES TO AN EXISTING ROAD TO THE NORTHWEST; TURN LEFT AND PROCEED IN A NORTHWESTERLY DIRECTION APPROXIMATELY 0.5 MILES TO THE BEGINNING OF THE PROPOSED ACCESS TO THE NORTH; FOLLOW ROAD FLAGS IN A NORTHERLY DIRECTION APPROXIMATELY 0.15 MILES TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 57.95 MILES.

WESTPORT OIL AND GAS COMPANY, L.P.

BONANZA #1023-7G LOCATED IN UINTAH COUNTY, UTAH SECTION 7, T10S, R23E, S.L.B.&M.

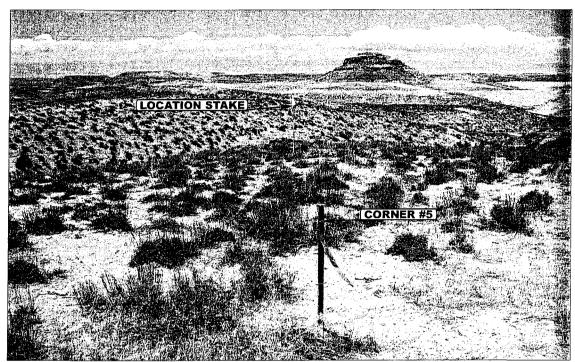


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: NORTHWESTERLY

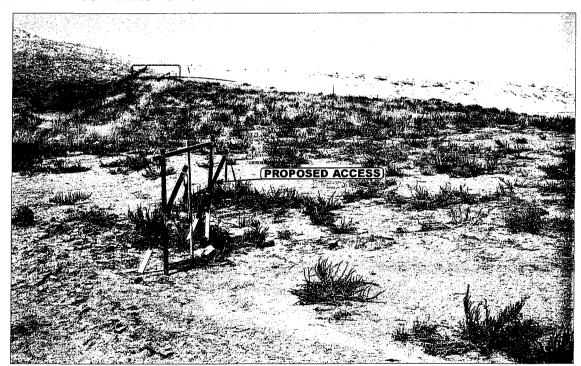


PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: NORTHWESTERLY



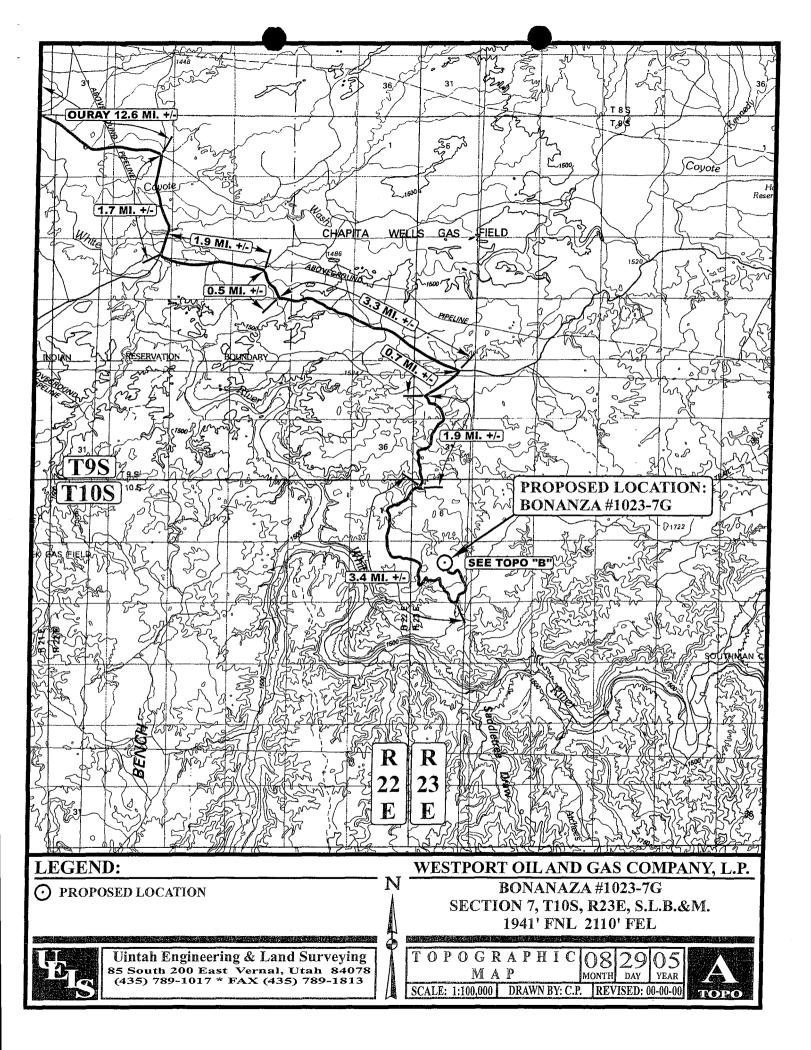
Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
435-789-1017 uels@uelsinc.com

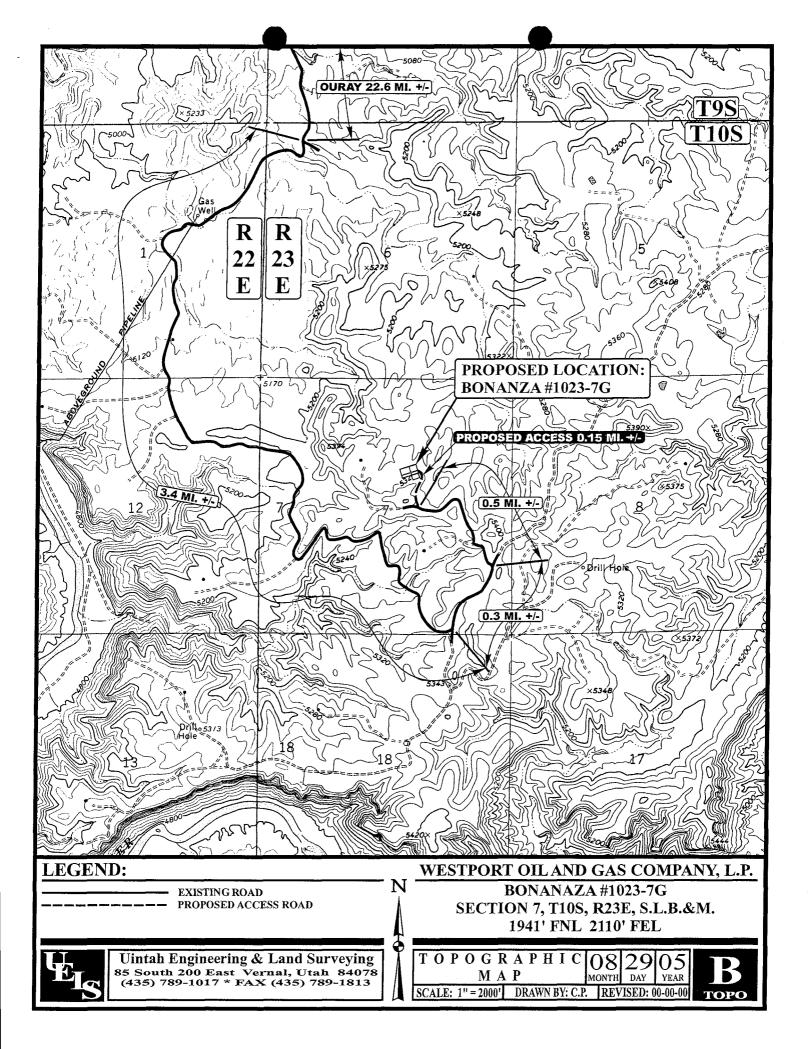
LOCATION PHOTOS.

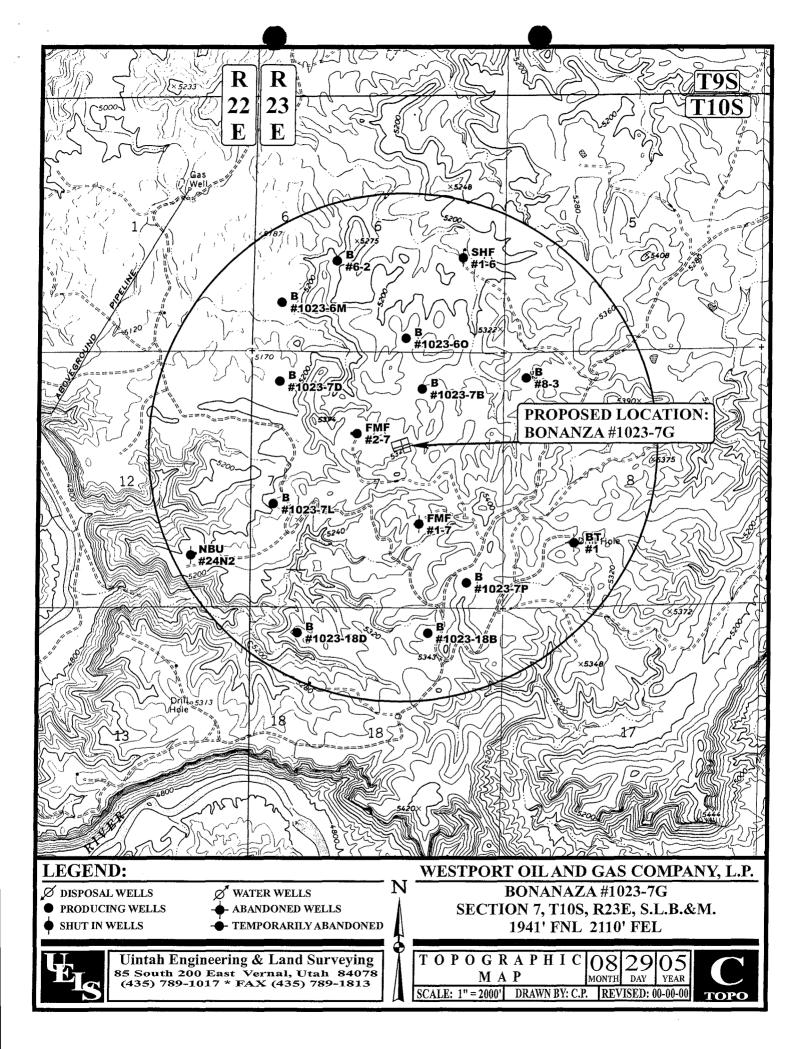
08 29 05 MONTH DAY YEAR

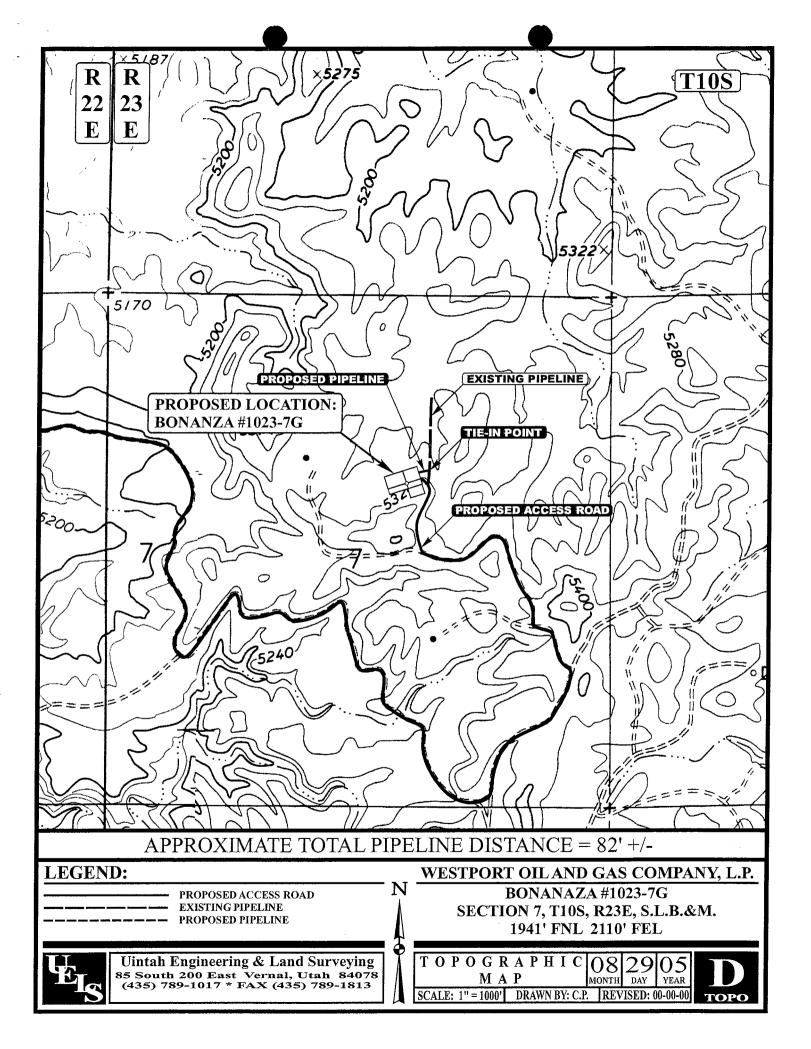
РНОТО

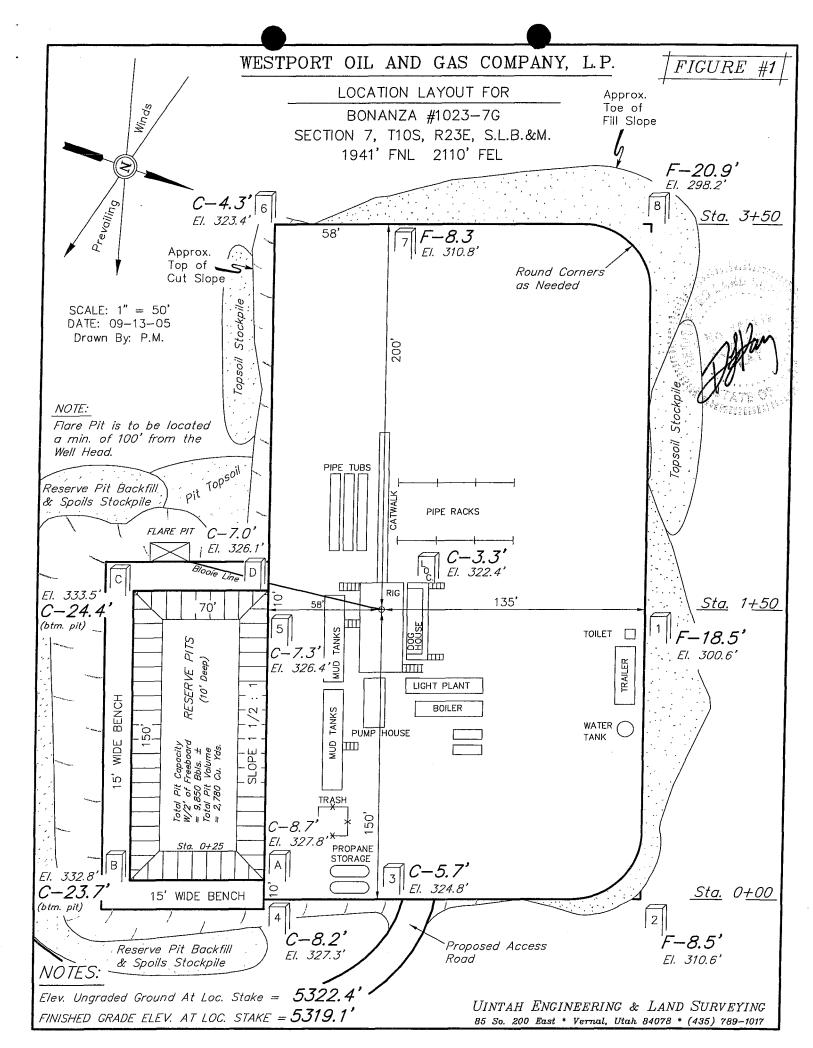
TAKEN BY: D.K. DRAWN BY: C.P. REVISED: 00-00-00

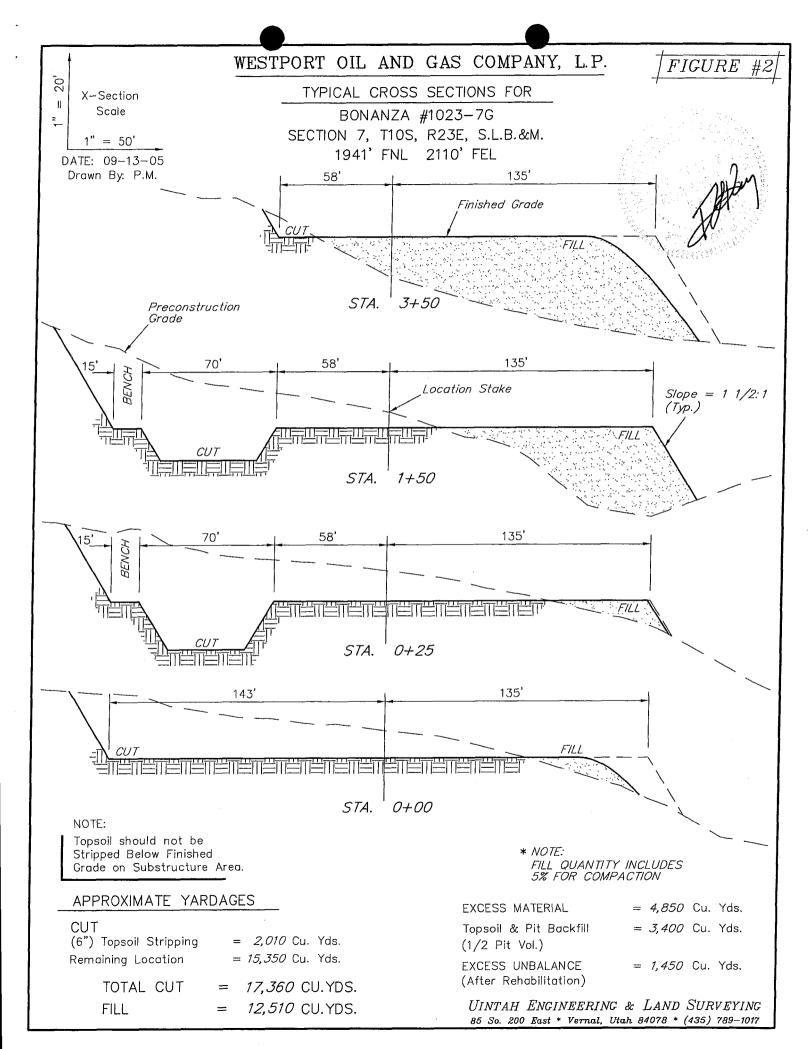




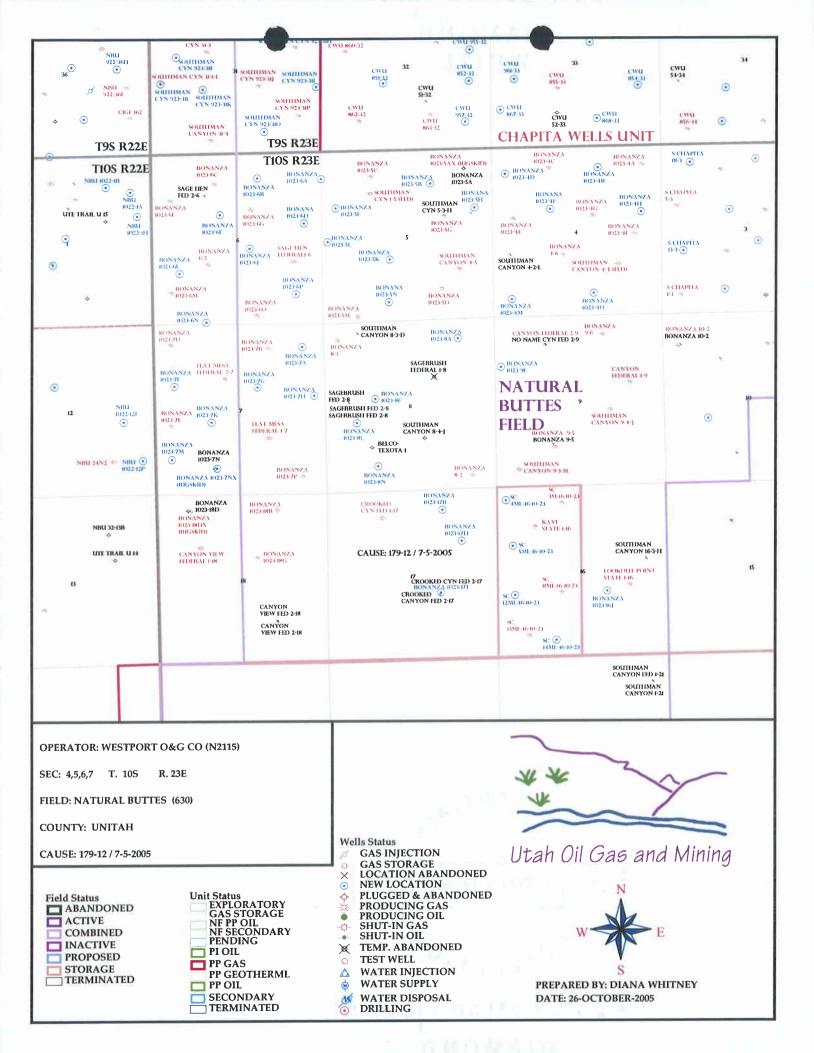








APD RECEIVED: 10/24/2005	API NO. ASSIGNED: 43-047-37326
WELL NAME: BONANZA 1023-7G OPERATOR: WESTPORT OIL & GAS CO (N2115) CONTACT: DEBRA DOMENICI PROPOSED LOCATION: SWNE 07 100S 230E SURFACE: 1941 FNL 2110 FEL BOTTOM: 1941 FNL 2110 FEL UINTAH NATURAL BUTTES (630) LEASE TYPE: 1 - Federal LEASE NUMBER: UTU-38420 SURFACE OWNER: 1 - Federal PROPOSED FORMATION: WSMVD COALBED METHANE WELL? NO	PHONE NUMBER: 435-781-7060 INSPECT LOCATN BY: / / Tech Review Initials Date Engineering Geology Surface LATITUDE: 39.96531 LONGITUDE: -109.3671
RECEIVED AND/OR REVIEWED: Plat Bond: Fed[1] Ind[] Sta[] Fee[] (No. CO-1203) Potash (Y/N) Ni Oil Shale 190-5 (B) or 190-3 or 190-13 Water Permit (No. 43-8496) RDCC Review (Y/N) (Date:) Ni Fee Surf Agreement (Y/N) Intent to Commingle (Y/N)	LOCATION AND SITING: R649-2-3. Unit R649-3-2. General Siting: 460 From Qtr/Qtr & 920' Between Wells R649-3-3. Exception Drilling Unit Board Cause No: 179-12 Eff Date: 7-5-05' Siting: 440' for coast dr) usbarg f 920' for an angle R649-3-11. Directional Drill
STIPULATIONS: 1- Reduce Ouppring	





State of Ctan

Department of Natural Resources

MICHAEL R. STYLER Executive Director

Division of Oil, Gas & Mining

JOHN R. BAZA
Division Director

JON M. HUNTSMAN, JR. Governor

GARY R. HERBERT Lieutenant Governor

October 26, 2005

Westport Oil & Gas Company, LP 1368 South 1200 East Vernal, Ut 84078

Re:

Bonanza 1023-7G Well, 1941' FNL, 2110' FEL, SW NE, Sec. 7, T. 10 South,

R. 23 East, Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann.§ 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-37326.

Sincerely,

Gil Hunt

Associate Director

Xil Then S

mf Enclosures

cc:

Uintah County Assessor

Bureau of Land Management, Vernal District Office

Operator:	Westport Oil & Gas Company, LP				
Well Name & Number	Bonanza 1023-7G				
API Number:	43-047-37326				
Lease:	UTU-38420				
Location: <u>SW NE</u>	Sec. 7 T. 10 South R. 23 East				

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

• Contact Dan Jarvis at (801) 538-5338

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

Division of Oil, Gas and Mining OPERATOR CHANGE WORKSHEET

ROUTING 1. DJJ 2. CDW

X Change of Operator (Well Sold)

Operator Name Change/Merger

The operator of the well(s) listed below has changed, eff	ective:			1/6/2006		
FROM: (Old Operator):		TO: (New Op	perator):	·		
N2115-Westport Oil & Gas Co., LP				k Gas Onshor	e. LP	
1368 South 1200 East		N2995-Kerr-McGee Oil & Gas Onshore, LP 1368 South 1200 East				
Vernal, UT 84078			, UT 84078			
Phone: 1-(435) 781-7024		Phone: 1-(435)				
CA No.		Unit:	701-702-1			
WELL NAME SEC T	WN RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
OPERATOR CHANGES DOCUMENTATION	N					
Enter date after each listed item is completed						
1. (R649-8-10) Sundry or legal documentation was received	ed from the	FORMER ope	rator on:	5/10/2006		
2. (R649-8-10) Sundry or legal documentation was received	ed from the	NEW operator	on:	5/10/2006		
3. The new company was checked on the Department of		-		s Database o	n:	3/7/2006
4a. Is the new operator registered in the State of Utah:		Business Numb	_	1355743-018		
4b. If NO , the operator was contacted contacted on:		•				
5a. (R649-9-2)Waste Management Plan has been received of	on:	IN PLACE				
5b. Inspections of LA PA state/fee well sites complete on:		n/a	•			
5c. Reports current for Production/Disposition & Sundries	on:	ok	·			
6. Federal and Indian Lease Wells: The BLM a	nd or the E	BIA has appro	ved the n	nerger, nan	ne chan	ge,
or operator change for all wells listed on Federal or Ind	ian leases o	n:	BLM	3/27/2006	BIA	not yet
7. Federal and Indian Units:						
The BLM or BIA has approved the successor of unit				3/27/2006		
8. Federal and Indian Communization Agree	•	,				
The BLM or BIA has approved the operator for all w			1 THOSE	n/a		
9. Underground Injection Control ("UIC")		vision has appro			ster of A	uthority to
Inject, for the enhanced/secondary recovery unit/project DATA ENTRY:	et for the wa	ter disposal wel	l(s) listed o	on:		
1. Changes entered in the Oil and Gas Database on:		5/15/2006				
 Changes entered in the On and Gas Database on: Changes have been entered on the Monthly Operator 	Changa Sn	5/15/2006		5/15/2006		
3. Bond information entered in RBDMS on:		5/15/2006		5/15/2006		
4. Fee/State wells attached to bond in RBDMS on:		5/16/2006				
5. Injection Projects to new operator in RBDMS on:		3/10/2000				
6. Receipt of Acceptance of Drilling Procedures for APD/	New on:	·	n/a	Name Chang	ge Only	
BOND VERIFICATION:		· · · · · · · · · · · · · · · · · · ·			3	
1. Federal well(s) covered by Bond Number:		CO1203				
2. Indian well(s) covered by Bond Number:	•	RLB0005239				
3. (R649-3-1) The NEW operator of any fee well(s) listed	covered by			RLB0005236)	
a. The FORMER operator has requested a release of liabil			n/a	rider added	KMG	
The Division sent response by letter on:		•		-		
LEASE INTEREST OWNER NOTIFICATIO						
4. (R649-2-10) The FORMER operator of the fee wells ha			ned by a let	ter from the I	Division	
of their responsibility to notify all interest owners of this	change on:	·	5/16/2006			
COMMENTS:		· · · · · · · · · · · · · · · · · · ·				

⁴ Form 3160-5 (August 1999)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

5. Lease Serial No.

FORM APPROVED OMB No. 1004-0135 Expires Inovember 30, 2000

SHADDA NULLES AND DEDUDES ON MELLS

SUNDRY	SUNDRY NOTICES AND REPORTS ON WELLS				[MULTIPLE LEASES			
	Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.				6. If Indian, Allottee or Tribe Name			
SUBMIT IN TRIPLICATE – Other instructions on reverse side			7. If Unit or CA/Agreement, Name and/or No.					
I. Type of Well								
Oil Well X Gas Well	Other				8. Well Name and No.			
2. Name of Operator					MUTIPLE WELLS			
KERR-McGEE OIL & GAS C	DNSHORE LP				9. API Well No.			
a. Address	31		•	de area code)	·			
1368 SOUTH 1200 EAST V Location of Well (Footage, Sec.,			31-7024		10. Field and Pool, or Exploratory Area			
. Location of Well (Poolige, Sec.,	1., K., M., or Survey Description)				11. County or Parish, State			
SEE ATTACHED								
					UINTAH COUNTY, UTAH			
12. CHECK APP	ROPRIATE BOX(ES) TO IN	DICATE	NATURE	OF NOTICE	CE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION			TY	PE OF ACT	FION			
Notice of Intent	Acidize	Deepe	n ire Treat		ction (Start/Resume) Water Shut-Off mation Well Integrity			
Subsequent Report	Casing Repair	=	Construction	Recom	nplete			
Final Abandonment Notice	Change Plans Convert to Injection	Plug a	nd Abandon Back		orarily Abandon OPERATOR Disposal			
following completion of the involved	operations. If the operation results bandonment Notices shall be filed or	in a multi	ple completion	n or recomplet	Required subsequent reports shall be filed within 30 days ation in a new interval, a Form 3160-4 shall be filed once reclamation, have been completed, and the operator has			
PLEASE BE ADVISED THATOPERATOR OF THE ATTAINMENT OF THE ATTAINMENT OF THE LEASE(S) FOR THE	CHED WELL LOCATION DNSHORE LP, IS RESPO E OPERATIONS CONDU	IS. EF DNSIBI JCTED BOND I	FECTIVE LE UNDER DUPON L NO. RLBO AI	JANUARY R TERMS EASE LAN 2005237. PPROV	RY 6, 2006. S AND CONDITIONS MAY 1 0 2006 INDS. BOND COVERAGE VED 5/6/06 WE Russell			
14. I hereby certify that the foregoin	g is true and correct				Olf, Cas and Mining			
Name (Printed/Typed) RANDY BAYNE		Title	LING MAN		sell, Engineering Technician			
Signature /		Date		YAGER				
Kanky & Sayou			9, 2006					
Anneyad by	THIS SPACE F			STATE USE				
Approved by			Title		Date			
Conditions of approval, if any, are attached certify that the applicant holds legal or equivalent would entitle the applicant to conduct	itable title to those rights in the subject		Office					
Title 18 U.S.C. Section 1001, make	it a crime for any person knowi	ngly and	willfully to	make to any	department or agency of the United States any			

false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Form 3 160-5 (August 1999)

UNITED STATES DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

FORM APPROVED OMB No. 1004-0135 Expires Jnovember 30, 2000

5. Lease Serial No.

SUNDKI	NOTICES AND REPORT	5 UN WELLS		MULTIPLE LEASES		
	Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.			6. If Indian, Allottee or Tribe Name		
	ICATE – Other instru			7. If Unit or CA/Agreement, Name and/or N		
SUBMIT IN TRIPL	ICATE – Other instru	ctions on revers	e siae			
1. Type of Well	гъ <u>-</u> .					
Oil Well X Gas Well 2. Name of Operator	Other			8. Well Name and No.		
WESTPORT OIL & GAS CO	TMPANIVI P			MUTIPLE WELLS 9. API Well No.		
3a. Address	JWFAINT L.F.	3b. Phone No. (include	de area code)	9. API Well No.		
1368 SOUTH 1200 EAST V	/ERNAL, UT 84078	(435) 781-7024		10. Field and Pool, or Exploratory Area		
4. Location of Well (Footage, Sec.,			······································			
				11. County or Parish, State		
SEE ATTACHED				UINTAH COUNTY, UTAH		
12 CHECK APP	ROPRIATE BOX(ES) TO I	NDICATE NATURE	OF NOTICE P	EPORT, OR OTHER DATA		
TYPE OF SUBMISSION	The results beautiful to the results of the results beautiful to the results of t		PE OF ACTION			
Notice of Intent	Acidize Alter Casing	Deepen Fracture Treat	Production Reclamatio	(Start/Resume) Water Shut-Off Well Integrity		
Subsequent Report	Casing Repair	New Construction	Recomplete			
	Change Plans	Plug and Abandon	Temporaril	y Abandon OPERATOR		
Final Abandonment Notice	Convert to Injection	Plug Back	Water Disp	osal ny proposed work and approximate duration thereo		
testing has been completed. Final Aidetermined that the site is ready for fin EFFECTIVE JANUARY 6, 20 THE OPERATORSHIP OF TONSHORE LP.	bandonment Notices shall be file that inspection. 006, WESTPORT OIL 8 THE ATTACHED WELL APPR CO Division	d only after all requirement Graph GAS COMPANY	L.P., HAS RI KERR-McGE	RECEIVED MAY 1 0 2006		
14. I hereby certify that the foregoing	g is true and correct			DIV OF QIL, GAS & MINING		
Name (Printed/Typed)		Title				
BRAD LANEY Signature		ENGINEERING Date	SPECIALIS			
5,8,14,14		May 9, 2006				
	THIS SPACE	FOR FEDERAL OR S	STATE USE			
Approved by		Title		Date		
Conditions of approval, if any, are attached certify that the applicant holds legated equi which would entitle the applicant to conduct	itable title to those rights in the sub	varrant or Office ject lease		5-9-06		
	it a crime for any person kno	wingly and willfully to a matter within its jurisdi	make to any depa	artment or agency of the United States any		



United States Department of the Interior

BUREAU OF LAND MANAGEMENT Colorado State Office 2850 Youngfield Street Lakewood, Colorado 80215-7076

IN REPLY REFER TO:

CO922 (MM) 3106 COC017387 et. al.

March 23, 2006

NOTICE

Kerr-McGee Oil & Gas Onshore L.P. 1999 Broadway, Suite 3700

Oil & Gas

Denver, CO 80202

Merger/Name Change - Recognized

On February 28, 2006 this office received acceptable evidence of the following mergers and name conversion:

Kerr-McGee Oil & Gas Onshore L.P., a Delaware Limited Partnership, and Kerr-McGee Oil & Gas Onshore LLC, a Delaware Limited Partnership merger with and into Westport Oil and Gas Company L.P., a Delaware Limited Partnership, and subsequent Westport Oil & Gas Company L.P. name conversion to Kerr-McGee Oil & Gas Onshore L.P.

For our purposes the merger and name conversion was effective January 4, 2006, the date the Secretary of State of Delaware authenticated the mergers and name conversion.

Kerr-McGee Oil & Gas Onshore L.P. provided a list of oil and gas leases held by the merging parties with the request that the Bureau of Land Management change all their lease records from the named entities to the new entity, Kerr-McGee Oil & Gas Onshore L.P. In response to this request each state is asked to retrieve their own list of leases in the names of these entities from the Bureau of Land Management's (BLM) automated LR2000 data base.

The oil and gas lease files identified on the list provided by Kerr-McGee Oil & Gas Onshore L.P. have been updated as to the merger and name conversion. We have not abstracted the lease files to determine if the entities affected by the acceptance of these documents holds an interest in the lease, nor have we attempt to identify leases where the entity is the operator on the ground that maintains vested record title or operating rights interests. If additional documentation, for change of operator, is required you will be contacted directly by the appropriate Field Office. The Mineral Management Services (MMS) and other applicable BLM offices were notified of the merger with a copy of this notice

Please contact this office if you identify additional leases where the merging party maintains an interest, under our jurisdiction, and we will document the case files with a copy of this notice. If the leases are under the jurisdiction of another State Office that information will be forwarded to them for their action.

Three riders accompanied the merger/name conversion documents which will add Kerr-McGee Oil and Gas Onshore LLC as a principal to the 3 Kerr-McGee bonds maintained by the Wyoming State Office. These riders will be forward to them for their acceptance.

The Nationwide Oil & Gas Continental Casualty Company Bond #158626364 (BLM Bond #CO1203), maintained by the Colorado State Office, will remain in full force and effect until an assumption rider is accepted by the Wyoming State Office that conditions their Nationwide Safeco bond to accept all outstanding liability on the oil and gas leases attached to the Colorado bond.

If you have questions about this action you may call me at 303.239.3768.

/s/Martha L. Maxwell Martha L. Maxwell Land Law Examiner Fluid Minerals Adjudication

Attachment:

List of OG Leases to each of the following offices:
MMS MRM, MS 357B-1
WY, UT, NM/OK/TX, MT/ND, WY State Offices
CO Field Offices
Wyoming State Office

Rider #1 to Bond WY2357 Rider #2 to Bond WY1865 Rider #3 to Bond WY1127



United States Department of the Interior



BUREAU OF LAND MANAGEMENT
Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155
http://www.blm.gov

IN REPLY REFER TO: 3106 (UT-922)

March 27, 2006

Memorandum

To:

Vernal Field Office

From:

Chief, Branch of Fluid Minerals

Subject:

Merger Approval

Attached is an approved copy of the merger recognized by the Bureau of Land Management, Colorado State Office. We have updated our records to reflect the merger from Westport Oil and Gas Company L.P. into Kerr-McGee Onshore Oil and Gas Company. The merger was approved effective January 4, 2006.

Chief, Branch of Fluid Minerals

Enclosure

Approval letter from BLM COSO (2 pp)

CC:

MMS, Reference Data Branch, James Sykes, PO Box 25165, Denver CO 80225

State of Utah, DOGM, Attn: Earlene Russell, PO Box 145801, SLC UT 84114

Teresa Thompson

Joe Incardine

Connie Seare

Dave Mascarenas

Susan Bauman

MAR 2 8 2006

EMOFOL, 0:02.11111

Form 3160-5 (August 1999)

UNITED STATES DEPARTMENT OF THE INTERIOR

FORM APPROVED OMB No. 1004-0135 Expires Jnovember 30, 2000

BUREAU OF LAND MANAGEMENT

5. Lease Serial No. UTU-38420 **SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use	this	form	for	proposa	ils to	drill	or	reenter	an
abandoned	well.	Use F	Form	1 3160-3 ((APD)	for s	uch	proposa	ıls.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

1. Type of Well						1	
Oil Well X Gas Well Other					8. Well Name	and No.	
2. Name of Operator					BONANZA	1023-7G	
KERR McGEE OIL AND GAS	S ONSHORE LP					9. API Well N	0.
3a. Address		3b. Ph	one No. (includ	le are	a code)	4304737326	
1368 SOUTH 1200 EAST VE	ERNAL, UT 84078	435-78	31-7003			10. Field and P	ool, or Exploratory Area
4. Location of Well (Footage, Sec., 7		n)				UNDESIGN	IATED
1941' FNL 2110' FEL						11. County or I	Parish, State
SWNE SEC 7-T10S-R23E						UINTAH	
12 CHECK APPI	ROPRIATE BOX(ES) TO II	NDICAT	E NATURE (OF N	NOTICE, R	L EPORT, OR O	THER DATA
	101111112 2011(23) 10 11				F ACTION		
TYPE OF SUBMISSION			111	PEU	r ACTION	l	
Notice of Intent	Acidize Alter Casing	Deep Frac	oen ture Treat		Reclamatio		Water Shut-Off Well Integrity
X Subsequent Report	Casing Repair Change Plans	_	Construction and Abandon		Recomplete Temporaril		Other APD EXTENSION DOGM
Final Abandonment Notice 13. Describe Proposed or Completed Oper	Convert to Injection	_	Back		Water Disp		
Attach the Bond under which the wor following completion of the involved testing has been completed. Final Attach the site is ready for fin THE OPERATOR REQUES' LOCATION SO THAT THE I APPROVED BY THE DIVISI	operations. If the operation resultandonment Notices shall be filed all inspection. TS AUTHORIZATION IN DRILLING OPERATION ON OF OIL, GAS AND	its in a mud only after the only aft	Itiple completion all requirement ONE YEAR BE COMP GON OCT	n or r nts, ir R EX PLE Opro	completion in cluding reclain the completion of the complete compl	in a new interval, imation, have bee N FOR THE E ORIGINAL () () () () () () () () () () () () ()	a Form 3160-4 shall be filed once n completed, and the operator has
14. I hereby certify that the foregoing	is true and correct	Lmu	ہنے ، لاط	~	5 ($\mathcal{Q}I$	
Name (Printed/Typed) RAMEY	HOOPES	Title	:		REGUI	LATORY CL	ERK
Signature Damoi	1. MANNED	Date	·			EMBER 21,2	
- FOUR	THIS SPACE	FOR F	DERAL OR	STAT			
Approved by	J HILD OF ACE		Title			Date	
Approved by			11110				
Conditions of approval, if any, are attached certify that the applicant holds legal or equi which would entitle the applicant to conduct	itable title to those rights in the sub- t operations thereon.	oject lease	Office			•	
Title 18 U.S.C. Section 1001, make false, fictitious or fraudulent stateme	it a crime for any person kno	wingly a	nd willfully to	mak lictio	e to any dep	partment or ager	ncy of the United States any
	ins of representations as to any	y mauer v	viuini no juitou				207 1 1 200C
(Instructions on reverse)							OCT 1 1 2006

Application for Permit to Drill Request for Permit Extension Validation

Validation
(this form should accompany the Sundry Notice requesting permit extension)

API:

4304737326

Well Name: BONANZA 1023-7G
Location: SWNE SEC 7-T10S-R23E Company Permit Issued to: KERR MCGEE OIL AND GAS ONSHORE LP Date Original Permit Issued: 10/26/2005
The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.
Following is a checklist of some items related to the application, which should be verified.
If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes⊡No☑
Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes ☐ No ☑
Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes□No☑
Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes□No ☑
Has the approved source of water for drilling changed? Yes□No☑
Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes□No☑
Is bonding still in place, which covers this proposed well? Yes☑No□
Signature 9/21/2006 Date
Title: REGULATORY CLERK
Representing: KERR MCGEE OIL AND GAS ONSHORE L

Form 3160-3 (August 1999)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB No. 1004-0136 Expires November 30, 2000

5. Lease Serial No.

UTU-38420

6. If Indian, Allottee or Tribe Name

1a. Type of Work: X DRILL REI	7. If Unit or CA Agreement,	Name and No.			
b. Type of Well: Oil Well X Gas Well Other	Single Zone	Multiple Zone	8. Lease Name and Well No BONANZA 10		
2. Name of Operator KERR MCGEE OIL AND GAS ONSHORE LP			9. API Well No. 43-047-37	1326	
3A. Address 1368 SOUTH 1200 EAST, VERNAL, UTAH 84078	10. Field and Pool, or Explor	atory Hes			
4. Location of Well (Report location clearly and in accordance with At surface SWNE 1941' FNL 2110' FEL At proposed prod. Zone	any State requirements.*)		11. Sec., T., R., M., or Blk, a SEC 7-T10S-I	•	
14. Distance in miles and direction from nearest town or post office* 26.95 MILES SOUTHEAST OF OURAY, UTAH			12. County or Parish UINTAH	13. State UT	
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any)	16. No. of Acres in lease 636.6	17. Spacing Unit de	dicated to this well 40		
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. TOPO C	19. Proposed Depth 8400'	20. BLM/BIA Bond No. on file CO-1203			
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5322.4' GL 22. Approximate date work will start* UPON APPROVAL			23. Estimated duration TO BE DETERM	MINED	
	24. Attachments				

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

- 1. Well plat certified by a registered surveyor.
- 2. A Drilling Plan.
- A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office.
- 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
- 5. Operator certification.
- Such other site specific information and/or plans as may be required by the authorized office.

Name (Printed/Typed)

RAMEY HOOPES

REGULATORY CLERK

Approved by (Signature)

Name (Printed/Typed)

Name (Printed/Typed)

Name (Printed/Typed)

Date

Vernal Field Manager

Lands & Mineral Resources

Name (Printed/Typed)

Vernal Field Office

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

CONDITIONS OF APPROVAL ATTACHED

Title 18 U.S.C. Section 1001and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*(Instructions on reverse)

RECEIVED FEB 2 1 2007

NOTICE OF APPROVAL

DIV. OF OIL, GAS & MINING

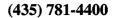




UNITED STATES DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

VERNAL FIELD OFFICE

VERNAL, UT 84078





CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Kerr McGee Oil & Gas Onshore LP Location: Company:

170 South 500 East

SWNE, Sec 7, T10S, R23E

Well No:

Bonanza 1023-7G

Lease No: **UTU-38420**

API No:

43-047-37326

Agreement: N/A

Petroleum Engineer:	Matt Baker	Office: 435-781-4490	Cell: 435-828-4470
Petroleum Engineer:	Michael Lee	Office: 435-781-4432	Cell: 435-828-7875
Petroleum Engineer:	Jim Ashley	Office: 435-781-4470	Cell: 435-828-7874
Petroleum Engineer:	Ryan Angus	Office: 435-781-4430	
Supervisory Petroleum Technician:	Jamie Sparger	Office: 435-781-4502	Cell: 435-828-3913
Environmental Scientist	Paul Buhler	Office: 435-781-4475	Cell: 435-828-4029

Environmental Scientist: Karl Wright Office: 435-781-4484 Holly Villa Office: 435-781-4404 Natural Resource Specialist: Natural Resource Specialist: Melissa Hawk Office: 435-781-4476 Chuck Macdonald Office: 435-781-4441 Natural Resource Specialist: Natural Resource Specialist: Darren Williams Office: 435-781-4447 Office: 435-781-3402 Natural Resource Specialist: Verlyn Pindell After Hours Contact Number: 435-781-4513 Fax: 435-781-4410

A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR FIELD REPRESENTATIVE TO INSURE COMPLIANCE

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. This permit is approved for a one-year period. An additional year extension may be applied for by sundry notice prior to expiration.

NOTIFICATION REQUIREMENTS

Location Construction (Notify Holly Villa)

Forty-Eight (48) hours prior to construction of location and access roads.

Location Completion (Notify Holly Villa)

Prior to moving on the drilling rig.

Spud Notice

Twenty-Four (24) hours prior to spudding the well.

(Notify Petroleum Engineer)

Casing String & Cementing (Notify Jamie Sparger)

Twenty-Four (24) hours prior to running casing and cementing all casing strings.

BOP & Related Equipment Tests -(Notify Jamie Sparger)

Twenty-Four (24) hours prior to initiating pressure tests.

Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90)

days.

First Production Notice (Notify Petroleum Engineer)



COAs: Page 2 of 6 Well: Bonanza 1023-7G

SURFACE USE PROGRAM CONDITIONS OF APPROVAL (COAs)

- 1. If paleontologic materials are uncovered during construction, the operator shall immediately stop work that might further disturb such materials and contact the Authorized Officer (AO). A determination will be made by the AO as to what mitigation will be necessary for the discovered paleontologic material.
- 2. The lessee/operator is given notice that lands on the lease have a stipulation. It is requested that the lessee/operator not initiate surface disturbing activities or drilling from May 15 through July 20.
- 3. The topsoil from the reserve pit shall be stripped and piled separately near the reserve pit. When the reserve pit is closed, it shall be recontoured and the topsoil respread, and the area shall be seeded in the same manner as the location topsoil.
- 4. Once the location is plugged and abandoned, it shall be recontoured to natural contours, topsoil respread where appropriate, and the entire location seeded with the recommended seed mix. Seeding shall take place by broadcasting the seed and walking it into the soil with a dozer immediately after the dirt work is completed.
- 5. Operator shall notify any active gilsonite mining operation within 2 miles of the location 48 hours prior to any blasting during construction for this well.

COAs: Page 3 of 6 Well: Bonanza 1023-7G

DOWNHOLE CONDITIONS OF APPROVAL

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

SITE SPECIFIC DOWNHOLE CONDITIONS OF APPROVAL

1. A Cement Bond Log (CBL) shall be run from the production casing shoe to the surface casing shoe. Justification based on proximity of Mahogany oil shale to 2000' depth level.

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- 1. There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well. Any changes in operation must have prior approval from the BLM, Vernal Field Office Petroleum Engineers.
- 2. The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- 3. <u>Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.</u>
- 4. Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.

All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.

BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.

Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.

No aggressive/fresh hard-banded drill pipe shall be used within casing.

Cement baskets shall not be run on surface casing.

5. The lessee/operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled and analyzed (a copy of the analyses to be submitted to the BLM Field Office in Vernal, Utah).

COAs: Page 4 of 6 Well: Bonanza 1023-7G

6. All oil and gas shows shall be adequately tested for commercial possibilities, reported, and protected.

- 7. The lessee/operator must report encounters of all non oil & gas mineral resources (such as gilsonite, tar sands, oil shale, etc.) to the Vernal Field Office in writing within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.
- 8. No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM, Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM, Vernal Field Office shall be obtained and notification given before resumption of operations.
- 9. Chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.

Any change in the program shall be approved by the BLM, Vernal Field Office. "Sundry Notices and Reports on Wells" (Form BLM 3160-5) shall be filed for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

Emergency approval may be obtained orally, but such approval does not waive the written report requirement. Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan pursuant to Onshore Oil & Gas Order No. 1 of 43 CFR 3164.1 and prior approval by the BLM, Vernal Field Office.

In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.

10. Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

COAs: Page 5 of 6 Well: Bonanza 1023-7G

A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.

Please submit an electronic copy of all other logs run on this well in LAS format to UT_VN_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.

11. All off-lease storage, off-lease measurement, or commingling on-lease or off-lease shall have prior written approval from the BLM, Vernal Field Office.

All measurement points shall be identified as point of sales or allocation for royalty determination prior to the installation of facilities.

- 12. Oil and gas meters shall be calibrated in place prior to any deliveries. The Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM, Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement.
- 13. A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM, Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- 14. This APD is approved subject to the requirement that, should the well be successfully completed for production, the BLM, Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
 - a. Operator name, address, and telephone number.
 - b. Well name and number.
 - c. Well location (1/41/4, Sec., Twn, Rng, and P.M.).
 - d. Date well was placed in a producing status (date of first production for which royalty will be paid).
 - e. The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
 - f. The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.

COAs: Page 6 of 6 Well: Bonanza 1023-7G

- g. Unit agreement and / or participating area name and number, if applicable.
- h. Communitization agreement number, if applicable.
- 15. Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from Field Office Petroleum Engineers.
- 16. All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production
- 17. Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
- 18. Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

Form 3 160-5 (August 1999)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB No. 1004-0135 Expires Inovember 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS

UTU-38420

5. Lease Serial No.

CONDICT	10110207111211121 01110 1			, , , , , , , , , , , ,	
Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.				6. If Indian, A	Allottee or Tribe Name
SUBMIT IN TRIPLICATE - Other instructions on reverse side					CA/Agreement, Name and/or No.
1. Type of Well Oil Well Gas Well	Other			8. Well Name	and No.
2. Name of Operator					1023-7G
			9. API Well N		
3a. Address	3b.	. Phone No. (in	clude area code)	43-0473732	26
1368 SOUTH 1200 EAST VE	<u> </u>	35-781-7003			ool, or Exploratory Area
4. Location of Well (Footage, Sec., 7	T., R., M., or Survey Description)			NATURAL	
1941'FNL-2110'FEL				11. County or l	Parish, State
SWNE SEC 7-T10S-R23E				UINTAH, U	TAH
12. CHECK APPI	ROPRIATE BOX(ES) TO INC	DICATE NATU	RE OF NOTICE,	REPORT, OR O	THER DATA
TYPE OF SUBMISSION			TYPE OF ACTION	ON	
Notice of Intent Subsequent Report	Acidize Alter Casing Casing Repair	Deepen Fracture Treat New Construct	Reclama ion Recomp	lete	Water Shut-Off Well Integrity Other APD EXTENSION
Final Abandonment Notice	Change Plans Convert to Injection	Plug and Aban Plug Back	don	rily Abandon isposal	DOGM
13. Describe Proposed or Completed Oper If the proposal is to deepen directional Attach the Bond under which the wor following completion of the involved of testing has been completed. Final Ab determined that the site is ready for final THE OPERATOR REQUEST LOCATION SO THAT THE E APPROVED BY THE DIVISION	Illy or recomplete horizontally, give so k will be performed or provide the loperations. If the operation results in andomment Notices shall be filed or all inspection. TS AUTHORIZATION FOUR PRILLING OPERATIONS ON OF OIL AND GAS ON	subsurface location Bond No. on file on a multiple comp nly after all requir OR A ONE YE MAY BE CO	s and measured and with BLM/BIA. Red letion or recompletio ements, including re EAR EXTENSION PLETED. To	true vertical depths of quired subsequent report in a new interval, clamation, have been on FOR THE HE ORIGINAL Uta	of all pertinent markers and zones, corts shall be filed within 30 days a Form 3160-4 shall be filed once in completed, and the operator has
14. I hereby certify that the foregoing Name (Printed/Typed) REBECCA Signature		Title Date	LAI	ND SPECIALIS	ST
			tember 17, 20	007	
	THIS SPACE FO		OR STATE USE		
Approved by		Title		Date	
Conditions of approval, if any, are attached certify that the applicant holds legal or equit which would entitle the applicant to conduct	table title to those rights in the subject operations thereon.	lease		•	
Title 18 U.S.C. Section 1001, make false, fictitious or fraudulent statemen				epartment or agen	cy of the United States any

(Instructions on reverse)

RECEIVED

SEP 2 5 2007

Application for Permit to Drill Request for Permit Extension Validation

(this form should accompany the Sundry Notice requesting permit extension)

Well Name: BONANZA 1023-7G Location: SWNE, SEC 7-T10S-R23E Company Permit Issued to: KERR-MCGEE OIL AND Date Original Permit Issued: 10/26/2005	GAS ONSHORE LP
The undersigned as owner with legal rights to drill on above, hereby verifies that the information as submitted approved application to drill, remains valid and does not be a submitted approved.	ed in the previously
Following is a checklist of some items related to the averified.	pplication, which should be
If located on private land, has the ownership changed agreement been updated? Yes □ No ☑	, if so, has the surface
Have any wells been drilled in the vicinity of the propo the spacing or siting requirements for this location? Ye	
Has there been any unit or other agreements put in plane permitting or operation of this proposed well? Yes□ N	
Have there been any changes to the access route incl of-way, which could affect the proposed location? Yes	
Has the approved source of water for drilling changed	? Yes□ No☑
Have there been any physical changes to the surface which will require a change in plans from what was disevaluation? Yes□No☑	
Is bonding still in place, which covers this proposed we	ell? Yes⊠No□
Release Worthern Signature	9/17/2007 Date
Title: LAND SPECIALIST	
Representing: Kerr McGee Oil and Gas Onshore LP	
	RECEIVED

DIV. OF OIL, GAS & MINING

SEP 2 5 2007

Form 3 160-5 (August 1999)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED OMB No. 1004-0135 Expires Inovember 30, 2000

L		Paly Pr	- p. 1944	× 7 000 0	7.0	
5.	Lease Serial No.	VERNAL		YE) n – ,	و سع
UΊ	ΓU-38420					
6.	If Indian, Allottee	or Ambi Name	-5	PH	Į.	04

abandoned Wen.)	o) for such proposuls.			
SUBMIT IN TRIPLI	7. If Unit or CA/Agreement, Name and/or No. 17				
1. Type of Well Oil Well X Gas Well	8. Well Name and No.				
2. Name of Operator			BONANZA 1023-7G		
KERR McGEE OIL AND GAS	S ONSHORE LP		9. API Well No.		
3a. Address					
1368 SOUTH 1200 EAST VERNAL, UT 84078 435.781.7024			10. Field and Pool, or Exploratory Area		
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)			NATURAL BUTTES		
SW/NE SEC. 7, T10S, R23E	1941'FNL, 2110'FE	L	11. County or Parish, State UINTAH, UTAH		
12. CHECK APPE	ROPRIATE BOX(ES) TO	INDICATE NATURE OF NOTICE,	REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION				
Notice of Intent	Acidize Alter Casing	Deepen Production Fracture Treat Reclamati	n (Start/Resume) Water Shut-Off ion Well Integrity		
Subsequent Report Final Abandonment Notice	Casing Repair Change Plans Convert to Injection	New Construction Recomple Plug and Abandon Temporar Plug Back Water Dis	ily Abandon EXTENSION		

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

THE OPERATOR REQUESTS AUTHORIZATION FOR A ONE YEAR EXTENSION FOR THE SUBJECT WELL LOCATION SO THAT THE DRILLING OPERATIONS MAY BE COMPLETED. THE ORIGINAL APD WAS APPROVED BY THE BUREAU OF LAND MANAGEMENT VERNAL FIELD OFFICE ON 02/12/2007.

CONDITIONS OF APPROVAL ATTACHED

14. I hereby certify that the foregoing is true and correct					
Name (Printed/Typed)	Title				
SHEILA UPCHEGO	SENIOR LAND ADMIN SPECIALIST				
Signature Maller	Date February 5, 2008				
THIS SPACE F	OR FEDERAL OR STATE USE				
Approved by The Parks of F	etroleum Engineer FEB 1 3 2008				
Conditions of approval, if any, are attached. Approval of this notice does not wan certify that the applicant holds legal or equitable title to those rights in the subject which would entifle the applicant to conduct operations thereon.	rant or Office				
Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.					

(Instructions on reverse)

DIV. OF OIL, GAS & MINING

CONDITIONS OF APPROVAL

Kerr-McGee Oil & Gas Co.

Notice of Intent APD Extension

Lease:

UTU-38420

Well:

Bonanza 1023-7G

Location:

SWNE Sec 7-T10S-R23E

An extension for the referenced APD is approved with the following conditions:

- 1. The extension and APD shall expire on 02/12/09
- 2. No other extension shall be granted.

If you have any other questions concerning this matter, please contact Matt Baker of this office at (435) 781-4490

STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING

ENTITY ACTION FORM

Operator:

KERR McGEE OIL & GAS ONSHORE LP

Operator Account Number: N

Address:

1368 SOUTH 1200 EAST

city VERNAL

zip 84078 state UT

Phone Number: (435) 781-7024

Well 1

API Number	Well	Name	QQ	Sec	Twp	Rng	County
4304737326	BONANZA 1023-7G		SWNE	7	108	23E	UINTAH
Action Code	Current Entity Number	New Entity Number	s	pud Dat	te		ity Assignment Effective Date
A	99999	16765	3	3/28/200	8	4	1 3 /08

Comments:

WSTNVD MIRU PETE MARTIN BUCKET RIG.

SPUD WELL LOCATION ON 03/28/2008 AT 1200 HRS.

Mall

API Number	Well	Name	QQ	Sec	Twp	Rng	County
4304738223	BONANZA 1023-91		NESE	9	108	23E	UINTAH
Action Code	Current Entity Number	New Entity Number	s	pud Da	te		ity Assignment iffective Date
A	99999	16766	3	3/26/200	8	4,	13/08

Comments:

MIRU PETE MARTIN BUCKET RIG. WSmVD SPUD WELL LOCATION ON 03/26/2008 AT 1330 HRS.

Well 3

API Number	Well N	lame	QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	S	ipud Da	L te		ty Assignment fective Date
comments:		The second secon					

ACTION CODES:

- A Establish new entity for new well (single well only)
- B Add new well to existing entity (group or unit well)
- C Re-assign well from one existing entity to another existing entity
- D Re-assign well from one existing entity to a new entity
- E Other (Explain in 'comments' section)

Title

SHEILA UPCHEGO

SENIOR LAND SPECIALIST

Date

3/31/2008

RECEIVED

MAR 3 1 2008

(5/2000)

Form 3160-5 (August 1999)

UNITED STATES DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

FORM APPROVED OMB No. 1004-0135 Expires Inovember 30, 2000

5. Lease Serial No. UTU-38420

SUNDRY	NOTICES	AND REP	ORTS ON	WELLS
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Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

6. If Indian, Allottee or Tribe Name

apandoned wen.	03e 1 01111 0100-0 (Al 2) 10.			
SUBMIT IN TRIPLICATE – Other instructions on reverse side			7. If Unit or C	CA/Agreement, Name and/or No.
Type of Well				
Oil Well X Gas Well	Other	8. Well Name	and No.	
2. Name of Operator				'A 1023-7G
KERR-McGEE OIL & GAS (ONSHORE LP		9. API Well N	lo.
3a. Address	3b.	Phone No. (include area co	ode) 430473732	6
1368 SOUTH 1200 EAST V	/ERNAL, UT 84078 (4	35) 781-7024	10. Field and P	ool, or Exploratory Area
4. Location of Well (Footage, Sec., 7	T., R., M., or Survey Description)		NATURAL	
			11. County or l	Parish, State
SW/NE SEC. 7, T10S, R23E	∃ 1941'FNL, 2110'FEL		UINTAH C	OUNTY, UTAH
12. CHECK APP	ROPRIATE BOX(ES) TO IND	ICATE NATURE OF NO	TICE, REPORT, OR C	OTHER DATA
TYPE OF SUBMISSION		TYPE OF A	ACTION	1,1
Notice of Intent	Acidize Alter Casing	Fracture Treat R	roduction (Start/Resume) eclamation	 Water Shut-Off Well Integrity ✓ Other SET SURFACE
Subsequent Report	Casing Repair Change Plans	Plug and Abandon To	emporarily Abandon ater Disposal	CSG
Final Abandonment Notice 13. Describe Proposed or Completed Ope	Convert to Injection			
testing has been completed. Final A determined that the site is ready for fin MIRU PROPETRO AIR RIG 36# J-55 SURFACE CSG. W/150 SX PREM CLASS GW/100 SX PREM CLASS G	al inspection. ON 03/28/2008. DRILLI LEAD CMT W/300 SX PF (@15.8 PPG 1.15 YIELD (@15.8 PPG 1.15 YIELD	ED 12 1/4" SURFACE REM LITE II @15.8 PF . NO RETURNS TO P . DOWN BACKSIDE 2	HOLE TO 2130'. PG 1.15 YIELD. TA PIT NO LIFT PSI. T PND TOP OUT W/	RAN 9 5/8" AILED CMT TOP OUT 350 SX
PREM CLASS G @15.8 PF	G 1.15 YIELD. DOWN B	ACKSIDE GOOD CM	T TO SURFACE H	OLE TECTIVE
STAYED FULL				APR 1 5 2008
WORT.				DIV. OF OIL, GAS & MININ
14. I hereby certify that the foregoing	g is true and correct			
Name (Printed/Typed)		Title		
SHEILA UPCHEGO		SENIOR LAND ADM	IIN SPECIALIST	
1 William	MULLO	April 7, 2008		
7	THIS SPACE F	OR FEDERAL OR STATE		
Approved by		Title	Date	
Conditions of approval, if any, are attached certify that the applicant holds legal or equivalent would entitle the applicant to conduct the applicant the applicant to conduct the applicant to conduct the applicant the applicant to conduct the applicant the applicant to conduct the applicant to conduct the applicant the ap	uitable title to those rights in the subject act operations thereon.	t lease		
Title 18 U.S.C. Section 1001, mak false, fictitious or fraudulent statem	e it a crime for any person know	ingly and willfully to make to atter within its jurisdiction.	o any department or age	ncy of the United States any

Form 3160-5 (August 1999)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB No. 1004-0135 Expires Jnovember 30, 2000

6. If Indian, Allottee or Tribe Name

5. Lease Serial No. UTU-38420

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an

SUBMIT IN TRIPLICATE – Other instructions on reverse side	7. If Unit or CA/Agreement, Name and/or No.	
1. Type of Well Oil Well Sas Well Other 2. Name of Operator	8. Well Name and No. BONANZA 1023-7G	
KERR-McGEE OIL & GAS ONSHORE LP	9. API Well No.	
3a. Address 3b. Phone No. (include area code)	4304737326	
1368 SOUTH 1200 EAST VERNAL, UT 84078 (435) 781-7024	10. Field and Pool, or Exploratory Area	
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)	NATURAL BUTTES	
	11. County or Parish, State	
SW/NE SEC. 7, T10S, R23E 1941'FNL, 2110'FEL	UINTAH COUNTY, UTAH	
12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE	E, REPORT, OR OTHER DATA	
TYPE OF SUBMISSION TYPE OF ACTI	ON	
Alter Casing Fracture Treat Reclams Casing Repair New Construction Recomp Change Plans Plug and Abandon Tempor		

Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

MIRU PETE MARTIN BUCKET RIG. DRILLED 20" CONDUCTOR HOLE TO 40'. RAN 14" 36.7# SCHEDULE 10 PIPE. CMT W/28 SX READY MIX.

SPUD WELL LOCATION ON 03/28/2008 AT 1200 HRS.

14. I hereby certify that the foregoing is true and correct						
Name (Printed/Typed)	Title					
SHEJLAJUPCHEGO	**					
Signaturally Marches	Date March 31, 2008					
/TI	HIS SPACE FOR FEDERAL OR STATE U	SE				
Approved by	Title	Date				
Conditions of approval, if any, are attached. Approval of this not certify that the applicant holds legal or equitable title to those rig which would entitle the applicant to conduct operations thereon.	hts in the subject lease					
Title 18 U.S.C. Section 1001, make it a crime for any false, fictitious or fraudulent statements or representation	person knowingly and willfully to make to ons as to any matter within its jurisdiction.	any department or agencing the Intel States any				
(Instructions on reverse)		APR 1 5 2008				

Form 3160-5 (August 1999)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB No. 1004-0135 Expires Jnovember 30, 2000

5. Lease Serial No. UTU-38420

SUNDRY NOTICES AND REPORTS ON WELLS

	form for proposals to o Use Form 3160-3 (APD) for		6. If Indian, Allottee or Tribe Name
SUBMIT IN TRIPL	ICATE – Other instruct	ions on reverse side	7. If Unit or CA/Agreement, Name and/or No.
1. Type of Well			8. Well Name and No.
Oil Well X Gas Well 2. Name of Operator	Other		
•			BONANZA 1023-7G 9. API Well No.
KERR-McGEE OIL & GAS (JNSHURE LP	b. Phone No. (include area cod	
1368 SOUTH 1200 EAST V	İ	435) 781-7024	10. Field and Pool, or Exploratory Area
4. Location of Well (Footage, Sec., 7		433) 701-7024	NATURAL BUTTES
- Location of Wen (1 botage, See., 1	., i., iii., or burvey Description		11. County or Parish, State
SW/NE SEC. 7, T10S, R23E	₹ 1941'FNL, 2110'FEL		UINTAH COUNTY, UTAH
12. CHECK APP	ROPRIATE BOX(ES) TO IN	DICATE NATURE OF NOTI	CE, REPORT, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF AC	TION
Notice of Intent Subsequent Report	Acidize Alter Casing Casing Repair Change Plans	Fracture Treat Recl	water Shut-Off amation Well Integrity Amplete OPERATIONS Water Shut-Off Well Integrity Other FINAL DRILLING OPERATIONS
Final Abandonment Notice	Convert to Injection		er Disposal
If the proposal is to deepen directiona Attach the Bond under which the wor following completion of the involved	ally or recomplete horizontally, give rk will be performed or provide the operations. If the operation results bandonment Notices shall be filed of	subsurface locations and measured Bond No. on file with BLM/BIA. in a multiple completion or recomp	te of any proposed work and approximate duration thereof. and true vertical depths of all pertinent markers and zones. Required subsequent reports shall be filed within 30 days letion in a new interval, a Form 3160-4 shall be filed once g reclamation, have been completed, and the operator has
FINISHED DRILLING FROM LEAD CMT W/335 SX PREM 14.3 PPG 1.31 YIELD. DISP HELD. 30 BBLS OF LEAD C TEST CSG HEAD TO 5000	M LITE II @11.3 PPG 3.0 LACE W/130 BBLS H2C CMT TO SURFACE. WA	02 YIELD. TAILED CMT O TREATED W/CLAYTR SH STACK LAND MAND	EAT BUMP PLUG. PLUG
RELEASED PIONEER RIG	68 ON 04/27/2008 AT 14	430 HRS.	MAY 0 8 2008
			DIV. OF OIL, GAS & MINING
14. I hereby certify that the foregoing Name (Printed/Typed) SHEILA UPCHEGO	is true and correct	Title SENIOR LAND ADMIN	SPECIALIST
// Tull //	MUM/	April 28, 2008	
	THIS SPACE F	OR FEDERAL OR STATE US	E
Approved by		Title	Date
Conditions of approval, if any, are attached certify that the applicant holds legal or equi which would entitle the applicant to conduct	table title to those rights in the subject operations thereon.	et lease	
Title 18 U.S.C. Section 1001, make	it a crime for any person know:	ingly and willfully to make to a	ny department or agency of the United States any

false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Form $3\,160-5$ (August 1999)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED	
OMB No. 1004-0135	
Expires Jnovember 30, 2006	0

SUNDRY NOTICES AND REPORTS ON WELLS

J.	Lease	SCI	ıaı	MO.

וע	TU-38420	
5.	If Indian, Allottee or Tribe Name	

	Use Form 3160-3 (APD			o. If Indian, Allottee of Tribe Name
SUBMIT IN TRIPL	ICATE – Other instru	ıctions on reverse	e side	7. If Unit or CA/Agreement, Name and/or No.
1. Type of Well				1
Oil Well X Gas Well	Other			8. Well Name and No.
2. Name of Operator				BONANZA 1023-7G
KERR-McGEE OIL & GAS	ONSHORE LP			9. API Well No.
3a. Address		3b. Phone No. (includ	le area code)	4304737326
1368 SOUTH 1200 EAST \	/ERNAL, UT 84078	(435) 781-7024		10. Field and Pool, or Exploratory Area
4. Location of Well (Footage, Sec., 7	T., R., M., or Survey Description	on)		NATURAL BUTTES
				11. County or Parish, State
SW/NE SEC. 7, T10S, R23E	E 1941'FNL, 2110'FEL	-		UINTAH COUNTY, UTAH
12. CHECK APP	ROPRIATE BOX(ES) TO	INDICATE NATURE	OF NOTICE, R	EPORT, OR OTHER DATA
TYPE OF SUBMISSION		TYI	PE OF ACTION	1
Notice of Intent	Acidize Alter Casing	Deepen Fracture Treat	Production Reclamatic	(Start/Resume) Water Shut-Off on Well Integrity
X Subsequent Report	Casing Repair	New Construction	Recomplet	
	Change Plans	Plug and Abandon	Temporaril	y Abandon START-UP
Final Abandonment Notice	Convert to Injection	Plug Back	Water Disp	oosal
If the proposal is to deepen directiona Attach the Bond under which the wor following completion of the involved	lly or recomplete horizontally, g k will be performed or provide operations. If the operation resu pandonment Notices shall be file	ive subsurface locations and the Bond No. on file with l lts in a multiple completion	l measured and tru BLM/BIA. Requinter or recompletion	ny proposed work and approximate duration thereof. e vertical depths of all pertinent markers and zones. red subsequent reports shall be filed within 30 days in a new interval, a Form 3160-4 shall be filed once imation, have been completed, and the operator has

THE SUBJECT WELL LOCATION WAS PLACED ON PRODUCTION ON 07/13/2008 AT 10:30 AM.

PLEASE REFER TO THE ATTACHED CHRONOLOGICAL WELL HISTORY.

14. I hereby certify that the foregoing is true and correct			
Name (Printed/Typed)	litle [
SHEILA UPCHEGO,	REGULATORY ANA	ALYST	
	Date uly 14, 2008		
THIS SPACE FOR	R FEDERAL OR STATE	USE	
Approved by	Title	Date	
Conditions of approval, if any, are attached. Approval of this notice does not warrant certify that the applicant holds legal or equitable title to those rights in the subject lea which would entitle the applicant to conduct operations thereon.			
Title 19 II C C Section 1001 make it a spine for any negger knowingh	re and willfully to make	to any donor mant or against of the United Ct	o too onse

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the RECEIVED false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

					ıcıı Oş	perations S	,umma	<i>J.</i> -09		化學問 시간 시간 하다 그 10	
Operator				FIELD NAME		SPUD DAT		GL	КВ	ROUTE	The second secon
API KERR MO	CGEE OIL & C	SAS ONSH	ORE LP STATE	BONANZA			28/2008 DUNTY	5,322	5340	NOISION	<u> </u>
	4304737326			UTA	\H			UINTAH		ROC	KIES
Long/Lat.: 3	9,96536 / -10	9.36764		Q-Q/Sect/	Town/Ran	ge: SWNE/7	/ 10S / 23E	·	Footages:	1,941.00' FNL 2,1	10.00' FEL
										······	
MTD			T =::		Wellk	ore: BONAN		7G		DOD/D	
MID	8,390		TVI)	8,377		PBMD	5,340		PBTVD 5.3	340
EVENT INFO	RMATION:	EVE	NT ACTIVITY:	DRILLING		J	START DA	TE: 3/28/2008		·	
		OBJ	ECTIVE: DEV	ELOPMENT			END DATE	E: 4/28/2008			
				RTICAL WELL	•			L STARTED P			
		REA:		ion Dia On	Location			Status: COMF			
RIG OPERAT			egin Mobilizati		Location 3/2008	Rig Charges		eration Start	Finish Drilling		Rig Off Location
PETE MARTI Date:	printings early a planting out of	i / UI Time	03/28/2008 Duration	A Parameter No. No. of Automotive and the	Code	03/28/2008 Subco P/U		28/2008	03/28/2008	03/28/2008 ation	03/28/2008
Date,	4000 1000000000000000000000000000000000	art-End .	(hr)	Fliase	coue	de P/U			uper	RUUL V	
3/28/2008	SUPE	RVISOR:	LEW WELD	ON				Appeal Committee of the			<u>MD:</u> 58
	12:00	- 16:00	4.00	DRLCON	02	P	3/28/08	RILL AND SET	40' OF SCHE	PUD WELL @ 120 DULE 10 PIPE DRII D STATE NOTFIEL	LL
				,			0, 05				
				2 1 "							
/3/2008	SUPER	RVISOR:	LEW WELD	ON							<u>MD:</u> 720
	18:00	- 0:00	6.00	DRLSUR	02	Р	MOVE IN AT REPC		IR RIG SPUD	WELL @ 1800 HR	4/3/08 DA
/4/2008	SUPER	NISOR:	LEW WELD	NC			<u> </u>	· · · · · · · · · · · · · · · · · · ·			<u>MD:</u> 1,710
	0:00	- 12:00	12.00	DRLSUR	02	Р	RIG DRIL	LING AHEAD N	O WATER 129	90'	
,	12:00	- 0:00	12.00	DRLSUR	02	Р		LING AHEAD H D PUMP 1710'	IT TRONA WA	TER @ 1530' CIRC	CULATING
/5/2008	SUPER	VISOR:	LEW WELDO	ON O							MD: 2,130
	0:00	- 11:00	11.00	DRLSUR	02	Р	RIG T/D @	2130' CONDIT	TION HOLE 1 I	HR.	
	11:00	- 15:00	4.00	DRLSUR	05	Р	TRIP DP (OUT OF HOLE			
	15:00	- 19:00	4.00	DRLSUR	11	Р	RUN 2081	' OF 9 5/8 CSG	AND RIG DO\	VN AIR RIG	
	19:00	- 20:00	1.00	DRLSUR	15	Р		1ST STAGE WI S TO PIT NO LIF	_) 15.8# 1.15 5.0 GA	L/SK NO
	20:00	- 20:30	0.50	DRLSUR	15	Р	1ST TOP	JOB 150 SKS D	OWN BS WO	c	

Win's No.:	91948				BONA	NZA 1	023-7G API No.: 430473732
	20:30 - 22:3	0 2.00	DRLSUR	15		Р	2ND TOP JOB 100 SKS DOWN BS WOC
	22:30 - 0:00	0 1.50	DRLSUR	15		Р	3RD TOP JOB 350 SKS DOWN BS GOOD CMT TO SURFACE AND STAYED AT SURFACE NO VISIBLE LEAKS PIT + - 1/4 FULL WORT
1/17/2008	SUPERVISOR	: JAMES GOB	ER			•	<u>MD:</u> 2,130
	0:00 - 11:0	0 11.00	RDMO	01	Е	Р	RIG DOWN RIG, READY FOR TRUCKS. HOLD PRE- MOVE SAFETY MEETING. WITH L&S TRUCKING AND JC CRANE SERVICE
	11:00 - 13:3	0 2.50	RDMO	01	Α	Р	MOVE RIG OFF LOCATION. CLEAN TRASH OFF LOCATION. RESERVE PIT 1/3 FULL, NO HOLES.
	13:30 - 16:3	0 3.00	MIRU .	. 01	В	Р	MOVE IN RIG AND RIG UP RIG. RIG FULLY SPOTTED IN RELEASE TRUCKS @ 16:30. RESERVE PIT 1/2 FULL OF WATER.
	16:30 - 17:0	0 0.50	MIRU	01	В	Р	RIG UP . RELEASE CRANE @ 17:00.
	17:00 - 0:00	7.00	MIRU	01	В	Р	RIG UP RIG.
18/2008	SUPERVISOR	JAMES GOB	ER			1.00	<u>MD:</u> 2,130
	0:00 - 10:0	0 10.00	MIRU	01	В	Р	RIG UP RIG.
	10:00 - 13:30	3,50	MIRU	13	Α	Р	NIPPLE UP, INSTALL ROT HEAD, FLOW LINE, LOCK DOWN FLANGE AND TEST LOCK DOWN FLANGE TO 5000' PSI FOR 10 MIN. FUNCTION TEST BOP'S.
	13:30 - 19:30	6.00	DRLPRO	13	С	Р	TEST BOP AND RELATED EQUIPMENT. TO 5000 PSI FOR 10 MIN AND 250 PSI FOR 5 MIN. TEST HYDRILL TO 2500 PSI FOR 10 MIN AND 250 PSI FOR 5 MIN. TEST CSG TO 1500 PSI FOR 30 MIN.
	19:30 - 20:00	0.50	DRLPRO	13	В	Р	INSTALL WEAR BUSHING.
	20:00 - 20:30	0.50	DRLPRO	17		Р	DO PRE SPUD INSPECTION.
	20:30 - 21:30	1.00	DRLPRO	05	Α	Р	RIG UP WEATHER FORD TRS AND HOLD SAFETY MEETING.
	21:30 - 23:30	2.00	DRLPRO	05	Α	Ρ	P/U BHA AND DRILL STRING TO 1950'. RIG DOWN WEATHER FORD.
	23:30 - 0:00	0.50	DRLPRO	06	D	P	SLIP AND CUT DRILL LINE.
	CHREDVICOS	IAMES COST	:D				MD: 3,318
19/2008	0:00 - 1:30	JAMES GOBE 1.50	DRLPRO	06	D	Р	CUT AND SLIP DRILL LINE.

Wins No.:	91948		r Min Va Ma				BONA	ANZA 1	l023-7G API No.: 43047373
	0:00	- 1	1:30	1.50	DRLPRO	06	D .	Р	CUT AND SLIP DRILL LINE.
	1:30	- 3	3:00	1.50	DRLPRO	13	В	Р	INSTALL ROT. RUBBER, TORQUE KELLY, PRIME PUMPS AND CHECK FOR LEAKS IN MUD LINE. CHECK GAS BUSTER.
	3:00	- 4	:30	1.50	ÐRLPRO	02	F	Р	DRILL CEMENT EQUIPMENT F/ 1990' TO 2100'. SHOE @ 2100' NEW HOLE @ 2130'
	4:30	- 7	:00	2.50	DRLPRO	02	A	Р	DRILL F/ 2130' TO 2273', (143', 57'/HR) MUD WT 8.3 VIS 26. SPUD @ 04:45 04/19/2008
	7:00	- 7	:30	0.50	DRLPRO	09	. А	Р	SURVEY 2201' = 0.65 DEGREES.
	7:30	- 8	:30	1.00	DRLPRO	02	В	Р	DRILL F/ 2273' TO 2336' (63', 63'/HR)
	8:30	- 9	:00	0.50	DRLPRO	06	Α	Р	RIG SERVICE.
	9:00	- 16	S:00	7.00	DRLPRO	02	В	Р	DRILL F/ 2336' TO 2812' (476', 68'/HR)
	16:00	- 16	6:30	0.50	DRLPRO	09	A	Р	SURVEY 2740' = 1.75 DEGREES.
	16:30	- 0:	:00	7.50	DRLPRO	02	В	Р	DRILL F/ 2812 TO 3318'. (506', 67'/HR) MUD WT 8.5 VIS 29.
								_	
20/2008	0:00			JAMES GOBE 6.00	DRLPRO	02	В.	P	MD: 4,805 DRILL F/ 3318' TO 3730' (412',68'/HR) VIS 30 ST 8.6
	6;00	- 6:	30	0.50	DRLPRO	09	Ą	Р	SURVEY 3658' = 2.59 DEG.
	6;30	- 7:	00	0.50	DRLPRO	06	Α	Р	RIG SERVICE. FUNCTION BOP'S
	7:00	- 19:	:00	12.00	DRLPRO	02	В	Р	DRILL F/ 3730' TO 4805'. (1075', 89'/HR) VIS 34 WT 8.8
	19:00	- 19:	:30	0.50	DRLPRO	02	В	Р	SURVEY 4735'= 6.1 DEGREES.
	19:30	- 20:	:00	0.50	DRLPRO	04	С	P	MIX DRY JOB, AND TRIP FOR DROPPING BIT.
	20:00	- 0:0	00	4.00	DRLPRO	05	A	Р	TRIP OUT OF HOLE, C/O BITS TRIP IN HOLE
21/2008	SHIDED	VISO	p	AMES GOBE	P				MD: 5,723
. 1/2000	0:00			3.00	DRLPRO -	05	Α	P	TRIP IN HOLE, W/ DROPPING BIT.
	3:00	- 6:3	30	3.50	DRLPRO	02	В	Р	DRILL F/ 4805' TO 4963' (158', 45'/HR) ROT 60, WT ON BIT 12K MUD WT 9 VIS 34.

			<u>2,121-35</u> -34-13		RONA	NZA 1	023-7G API No.: 430473732
3:00	- 6:30	3.50	DRLPRO	02	В	Р	DRILL F/ 4805' TO 4963' (158', 45'/HR) ROT 60, WT ON BIT 12K MUD WT 9 VIS 34.
6:30	- 7:00	0.50	DRLPRO	09	Α	Р	SURVEY (BATTERY ERROR ON TOOL) NO READ.
7:00	- 7:30	0.50	DRLPRO	06	Α	Р	RIG SERVICE, FUNCTION PIPE BOP'S
7:30	- 9:30	2.00	DRLPRO	02	В	Р	DRILL F/ 4963' TO 5089' (126', 63'/HR) ROT 60 WT ON BIT 12K.
9:30	- 10:00	0.50	DRLPRO	09	Α	Р	SURVEY (BATTERY WOULD NOT RECHARGE ON TOOL.) NO READ.
10:00	- 12:00	2.00	DRLPRO	02	В	Р	DRILL F/ 5089' TO 5184' (95', 42'/HR) ROT 60, WT ON BIT 12. MUD WT 9 + VIS 34.
12:00	- 12:30	0.50	DRLPRO	. 09	Α	Р	SURVEY @5112'= 5.81 DEGREES
12:30	- 19:00	6.50	DRLPRO	02	В	Р	DRILL F/ 5184' TO 5501' (317', 49'/HR) ROT 60 WT ON BIT 14 . (MUD WT 9.1 VIS 35).
19:00	- 19:30	0.50	DRLPRO	09	A	Р	SURVEY 5425' = 4.79 DEGREES.
19:30	- 0:00	4.50	DRLPRO	02	В	Р	DRILL F/ 5501 TO 5723' (222', 49'/HR) MUD WT 9.6 VIS 37
CURE	W//005- 1			i de la compania de			MD: 6,525
		7.50	DRLPRO	02	В	Р	DRILL F/ 5723' TO 6008' (285', 38'/HR) MUD WT 9.6 VIS 36
7:30	- 8:00	0.50	DRLPRO	09	Α	Р	SURVEY 5933'= 4.37 DEGREES
8:00	- 12:30	4.50	DRLPRO	02	В	Р	DRILL F/ 6008' TO 6134' (134', 30'/HR) MUD WT 9.7 VIS 38. WOB 19 ROT 50
12:30	- 13:00	0.50	DRLPRO	06	A	Р	RIG SERVICE, FUNCTION BOP'S
13:00	- 23:00	10.00	DRLPRO	02	В	Р	DR!LL F/ 6134' TO 6514', (380', 38'/HR) MUD WT 9.9 VIS 38.
23:00	- 23:30	0.50	DRLPRO	09	Α	Р	SURVEY 6438'= 4.1 DEGREES
23:30	- 0:00	0.50	DRLPRO	02	В	Р	DRILL F/ 6514' TO 6525' MUD WT 9.9 VIS 38
SLIPEP	VISOR: 14	MES GODE	······································				MD: 7,242
		11.00	DRLPRO	02	В	Р	DRILL F/ 6525' TO 6893'. (368', 31'/HR) MUD WT 10.1 VIS 38
_	6:30 7:00 7:30 9:30 10:00 12:30 19:00 19:30 8:00 7:30 13:00 23:00 23:30	6:30 - 7:00 7:00 - 7:30 7:30 - 9:30 9:30 - 10:00 10:00 - 12:30 19:00 - 19:30 19:30 - 0:00 SUPERVISOR: 0:00 7:30 - 8:00 7:30 - 8:00 12:30 - 12:30 12:30 - 13:00 13:00 - 23:00 23:30 - 0:00	6:30 - 7:00	6:30	6:30 - 7:00	6:30 - 7:00	6:30 - 7:00

Wins No.:	91948				BONA	NZA 1	023-7G API No.: 4304737326
7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	11:00 - 11:30	0.50	DRLPRO	06	Α	Р	RIG SERVICE, FUNCTON BOP'S.
	11:30 - 15:00	3.50	DRLPRO	02	В	P	DRILL F/ 6893' TO 6988' (95', 27'/HR)
	73,00	0.50	BILLI IVO	02		,	,
	15:00 - 16:00	1.00	DRLPRO	09	Α	Р	SURVEY 6913'= 2.44 DEGREES.
	16:00 - 0:00	8.00	DRLPRO	02	В	Р	DRILL F/ 7052' TO 7242' (190', 24'/HR) MUD WT 10.3 VIS 38.
	- 100 Marin III.		*** = 14-may.				MD: 7.040
4/24/2008	SUPERVISOR:				_	_	MD: 7,610
	0:00 - 10:30	10.50	DRLPRO	02	В	Р	DRILL F/ 7242' TO 7610', (368', 35'/HR) MUD WT 11 # 39 VIS
	10:30 - 18:00	7.50	DRLPRO	05	Α	Р	MIX DRY JOB AND PUMP, DROP SURVEY, TRIP OUT OF HOLE,
							NO TIGHT HOLE. NO LOSSES OR GAIN ON TRIP. LD BIT #2. (HIGH WINDS AND GUST) RETRIEVED SURVEY 7550'= 1.76
							DEGREES.
	18:00 - 23:30	5.50	DRLPRO	05	Α	Р	MAKE UP BIT #3 AND TRIP IN HOLE. HIGH WINDS ON TRIP. NO
			•				TIGHT HOLE ON TRIP. TRIP GAS 3500 U.
	23:30 - 0:00	0.50	DRLPRO	03	D	Р	WASH 60' TO BOTTOM.
1707				•		\5	MD: 8,390
4/25/2008	SUPERVISOR: 0:00 - 15:00			00	В	Р	DRILL F/ 7610' TO 8224' (614', 41'/HR) MUD WT 11.4 VIS 42
	0.00 - 15:00	15.00	DRLPRO	02	ь	r	BRILLETY 1010 10 0224 (011, 1771ii) iii 0 117 117 110 12
	15:00 - 15:30	0.50	DRLPRO	06	Α	Р	RIG SERVICE. FUNCTION BOP'S
	15:30 - 20:30	5.00	DRLPRO	02	В	Р	DRILL F/ 8224' TO 8390' (166',33'/HR) MUD WT 11.7 VIS 42 TD
	20,00						4/225/2008 20:30
							•
	20:30 - 21:30	1.00	DRLPRO	04	С	Р	CIRC AND COND HOLE, RAISE MUD WT TO 11.8 VIS 42.
						_	TO THE TO THE TOTAL TRUE DAOK, LIGHT IN COOR SHAPE NO
	21:30 - 23:00	1.50	DRLPRO	05	Ε	Р	SHORT TRIP TO 7500', TRIP BACK. HOLE IN GOOD SHAPE, NO FLOW, NO LOSSES.
						_	CIRC AND CONDITION HOLE FOR LOGS. RAIS MUD WT TO 11.9
	23:00 - 0:00	1.00	DRLPRO	04	Α	Р	VIS 42
							<u>,</u>
					Secretary		ND: 0.000
4/26/2008	SUPERVISOR:					_	MD: 8,390 CIRC AND CONDITION HOLE FOR LOGS. MUD WT 11.9 VIS 43.
	0:00 - 2:30	2.50	DRLPRO	04	Α	Р	RIG UP WEATHERFORD TRS AND HOLD SAFETY MEETING
	0.00	0.55	DD: DC 0	٥٢		В	LDDS BREAK KELLY AT ALL BREAKS LDDC
	2:30 - 12:00	9.50	DRLPRO	05	Α	. P	LDDS, BREAK KELLY AT ALL BREAKS, LDDC.
	2:30 - 12:00	9.50	DRLPRO	05	A	. P	LDDS, BREAK KELLY AT ALL BREAKS, LDDC.

Wins No.:	91948		<u> </u>		5 () () () () () () () () () (BONA	NZA 1	023-7G API No.: 43047	737326
	12:00	- 12:30	0.50	DRLPRO	13	В	Р	PULL WEAR BUSHING.	
	12:30	- 14:00	1.50	EVALPR	08	Α	Z	HALIBURTON LOGGING TRUCK CRACKS RADIATOR, WAIT FOR NEW TRUCK.	
	14:00	- 20:00	6.00	EVALPR	08	Α	Р	RIG UP HALIBURTON LOGGERS AND HOLD SAFETY MEETING. RUN TRIPLE COMBO, LOGGERS DEPTH 8390'. RIG DOWN HALIBURTON.	
	20:00	- 21:00	1.00	CSG	11	Α	Р	RIG UP WEATHERFORD TRS CSG CREW AND HOLD SAFETY MEETING.	
	21:00	- 0:00	3.00	CSG	11	В	Р	RUN 4.5",11.6#, I-80 CSG @ 4000'.	
	2	N/100D				· · · · · · · · · · · · · · · · · · ·	·	MD: 8,3	90
/27/2008		- 3:30	AMES GOBE	CSG	11	В	Р	RUN 197 JTS OF 4.5",11.6#, I-80. TO THE DEPTH OF 8383' KB. FC 8333', WASATCH MARKER 4138'. FLOATS CLOSED, FILLING @ 500' ,2000', 5000'.	
	3:30	- 5:00	1.50	CSG	04	Α	Р	RIG UP BJ CEMENT HEAD, AND CIRC. HOLE W/ RIG. RIG DOWN WEATHERFORD TRS LAY DOWN AND CSG. CIRC OUT GAS. HOLD SAFETY MEETING W/ BJ CEMENTERS.	
	5:00	- 7:30	2.50	CSG	15	A	Ρ	CEMENT W/ BJ SERVICES. PRESSURE TEST STEEL LINE TO 5000 PSI, START 20 BBLS OF MUD CLEAN, START 30 BBLS OF 9.5# SCAVENGER CEM. (20 SX), START 180 BBLS OF 11.3# LEAD HI FILL MOD. CEM. (335 SX), START 256 BBLS OF 14.3 # TAIL 50:50 POZ CEM. (1100 SX), DISPLACE W/ 130 BBLS OF H20 TREATED W/ CLAYTREAT, BUMPED PLUG PRESS. PRIOR 2480 PSI, PLUG HELD. 30 BBLS OF LEAD CEMENT TO SURFACE.	
	7:30	- 8:30	1.00	CSG	15	Α	Р	WASH STACK, DRAIN STACK, AND LAND MANDREL W/ 50,000#, PRESSURE TEST CSG HEAD.TO 5000 PSI.	
	8:30	- 14:30	6.00	CSG	13	A	Р	NIPPLE DOWN, TROLLY OUT STACK AND CLEAN PITS. RIG RELEASE 4/27/2008 14:30. INSTALL DAY CAP. SAVED 700 BBLS OF MUD, RESERVE PIT 13 FULL, W/ NO HOLES.	
	14:30	- 0:00	9.50	RDMO	01	E	Р	RIG DOWN RIG AND READY FOR TRUCKS.	
			AOTO (TO)	OMBLETICH:				START DATE: 5/24/2008	
VENT INFOR	MATION:	OBJECT OBJECT	ACTIVITY: C TIVE: CONST TIVE 2: ORIG N: SURF FAC	INAL				END DATE: 5/24/2008 DATE WELL STARTED PROD.: Event End Status: COMPLETE	
RIG OPERATION	ONS:		n Mobilization		ocation	Rig Ch	arges	Rig Operation Start Finish Drilling Rig Release Rig Off Lo	cation
Ďate	Sta	Time int-End RVISOR: H	Duration (hr)	Phase ARD	Code	Subco de	P/Ü	Operation MD:	

Wins No.:	91948	, i jaky Lisasen da	, an forten i Nadik Yapa Miran meta, makebilik			BONA	NZA 1	023-7G		API No.:	4304737326
EVENT INFOR	MATION:	EVE	NT ACTIVITY: CO	OMPLETIC	Ņ		-	START DATE: 6/30/2008	3		
		OBJE	ECTIVE: DEVELO	PMENT				END DATE: 7/10/2008			
		OBJE	OBJECTIVE 2: ORIGINAL .					DATE WELL STARTED	PROD.: :		
		REAS	SON: MV					Event End Status: CO	MPLETE		
RIG OPERATI	ONS:	В	egin Mobilization	Rig On	Location	Rig C	harges	Rig Operation Start	Finish Drilling	Rig Release	Rig Off Location
LEED 698 / 69	8			06/3	0/2008						07/10/2008
Date	5年、「投資品を入り作品を	Time art-End∛	Duration (hr)	Phase	Code	Subco de	P/U		Operati	on	
7/3/2008	SUPE	RVISOR:	GARTH McCO	NKIE							MD:
	6:00	- 6:15	0.25	COMP	48		Р	DAY 1 - JSA & SM #1			
	6:15	- 6:15	0.00	COMP	31	1	Р	SICP=0. MIRU SERVI NDWH, NUBOP. PRE NEW 2 3/8" J55 TBG	P & TALLY TBG.	PU 3 7/8" MILL &	224 JTS
								POOH W/TBG & STD 8 & TBG EQUIP. NDBO			D FLOOR
								MIRU DBL JACK TEST PSI. (GOOD TEST). F		FRAC VALVES 1	TO 7500
								MIRU CUTTERS WIRE 0.36 HOLE, 90 DEG P 8202'-06', 4 SPF, 40 CUTTERS.	HSG. PERF M.V.	@ 8259' - 65', 4 \$	SPF,
								16:30 SWI - SDFN. PF	REP WELL TO FRA	AC ON 07/07/08 I	N AM.
7/7/2008	SUPE	RVISOR:	BRAD BURMAN	١							MD:
	5:00	- 5:30	0.50	COMP	48		P	JSA BJ			

Vins No.: 9	1948 5:30	- 18:00	12.50	COMP	36	P	5AM [DAY2] MIRU BJ & CUTTERS.
	0.00	. 10.00	12.30	COMP	30		[STG#1] WE-SICP=1550#. BLED OFF SURFACE CSG PSI. BLEW OUT CHUNKS OF WET CMT??. BUILDS PSI TO 510#. BRK DN PERFS @ 2944# @ 3 BPM. ISIP=2686, F.G.=.76. PMP'D 3 BBLS 15% HCL AHEAD OF INJ. CALC ALL PERFS OPEN. PMP'D 1416 BBLS SLK WTR & 46,651# 30/50 SD W/ 5000# R.C. SD @ TAIL. ISIP=2467, F.G.=.74, NPI=-219, MP=4416, MR=51, AP=4161, AR=51 BPM.
							[STG#2] RIH W/ BAKER 8K CBP & PERF GUNS. SET CBP @ 8130'. PERF THE M.V. @ 7978'-7982', 8006'-8008', 8041'-8044' & 8096'-8100' USING 3-3/8" EXP GUNS, 23 GM, 0.36, 120* PHS, 3 SPF, [39 HLS] WHP=2270#. BRK DN PERFS @ 2628# @ 4 BPM. ISIP=2313, F.G.=.73. CALC ALL PERFS OPEN. PMP'D 3821 BBLS SLK WTR & 141,708# 30/50 SD W/ 5000# R.C. SD @ TAIL. ISIP=2733, F.G.=.78, NPI=42, MP=4567, MR=52, AP=4165, AR=51 BPM. CUT SD EARLY— WANTING TO S/O.
							[STG#3] RIH W/ BAKER 8K CBP & PEERF GUNS. SET CBP @ 7927'. PERF THE M.V. @ 7840'-7844', & 7891'-7897' USING 3-3/8" EXP GUNS, 23 GM, 0.36, 90* PHS, 4 SPF, [40 HLS] WHP= 320#. BRK DN PERFS @ 2797# @ 3 BPM. ISIP=2342, F.G.=.74. CALC ALL PERFS OPEN. PMP'D 2128 BBLS SLK WTR & 78,864# 30/50 SD W/ 5000# R.C. SAND @ TAIL. ISIP=2629, F.G.=.77, NPI=287, MP=4706, MR=51, AP=3897, AR=51 BPM.
		·					[STG#4] RIH W/ BAKER 8K CBP & PERF GUNS. SET CBP @ 7789'. PERF THE M.V. @ 7665'-7669', 7706'-7708', & 7755'-7759' USING 3-3/8" EXP GUNS, 23 GM, 0.36, 90* PHS, 4 SPF,[40 HLS] WHP= 23773. BRK DN PERFS @ 2812# @ 3 BPM. ISIP=2490, F.G.=.76. CALC ALL PERFS OPEN. PMP'D 2767 BBLS SLK WTR & 100,952# 30/50 SD W/ 5000# R.C. SD @ TAIL. ISIP=2522, F.G.=.76, NPI=32, MP=7498, MR=52, AP=5456, AR=51 BPM. SCREEN OUT ON FLUSH, LACK 40 BBLS. 3,245# SAND IN PIPE. FLOW WELL BACK FOR 15 MIN, RECOVERING 140 BBLS+ FLUSH WELL W/ 119 BBLS @ 10 BPM.
							[STG#5] RIH W/ BAKER 8K CBP & PERF GUNS. SET CBP @ 7615'. PERF THE M.V. @ 7580'-7585' USING 3-3/8" EXP GUNS, 23 GM, 0.36, 90* PHS, 4 SPF, [20 HLS] WHP=1975#. PERFORM DFIT TEST USING HLBRTN SURFACE GAUGES. BRK DN PERFS @ 3828# @ 3.5 BPM. PMP'D 24 BBLS @ 3473# @ 4.3 BPM. ISIP=2524, F.G.=.77. LEAVE SURFACE GAUGES ON WELL OVERNIGHT TO MONITOR PSI.
							6 PM SDFN. PREP TO FRAC STG'S 5,6 & 7 IN AM.
3/2008	SUPER	VISOR:	BRAD BURMAN	1			<u>MD:</u>

Vins No.:	Contract of the Contract Minds	- 18:30	44.00	COMP		BONANZA	
	7:30	- 18:30	11.00	COMP	36	E F	[STG#5] OVERNIGHT SICP=1960#. RIH W/ PERF GUNS & PERF THE REMAINING M.V. @ 7535'-7540' USING 3-3/8" EXP GUNS, 23 GM, 0.36, 90* PHS, 4 SPF, [20 HLS] WHP=1960#. BRK DN PERFS @ 3721 @ 3 BPM. ISIP=2727, F.G.=.80, CALC 30/40 PERFS OPEN. PMP'D 1530 BBLS SLK WTR & 50,916# 30/50 SD W/ 5000# R.C. SD @ TAIL. ISIP=5708, F.G.=1.19, NPI=2981, MP=7150, MR=52, AP=5433, AR=50 BPM.S/O ON FLUSH. LACKING 8 BBLS. 654# SAND IN PIPE. FLOW WELL BACK RECOVERING 280 BBLS. FLUSH WELL @ 5.5 BPM @ 3260#.
							[STG#6] RIH W/ BAKER 8K CBP & PERF GUNS. SET CBP @ 7460'. PERF THE M.V. @ 7420'-7430' USING 3-3/8" EXP GUNS, 23 GM, 0.36, 90* PHS, 4 SPF, [40 HLS] WHP=430#. BRK DN PERFS @ 3162# @ 2 BPM. ISIP=4800, F.G.=.73. CALC 31/40 PERFS OPEN. PMP'D 1588 BBLS SLK WTR & 57,629# 30/50 SD W/ 5000# R.C. SAND @ TAIL. ISIP=1833, F.G.=.68, NPI=-332, MP=5225, MR=52, AP=4547, AR=52 BPM.
							[STG#7] RIH W/ BAKER 8K CBP & PERF GUNS. SET CBP @ 7358'.PERF THE M.V. @ 7324'-7328' USING 3-3/8" EXP GUNS, 23 GM, 0.36, 90* PHS, 4 SPF, [16 HLS] WHP=382#. PERFORM IFIT TEST USING HLBRTN SURFACE GUAGES. BRK DN PERFS @ 3974# @ 3 BPM. PMP'D 24 BBLS @ 2306# @ 4.5 BPM. ISIP=2006, F.G.=.71. 5 MIN=1905, 10 MIN=1848, 15 MIN=1799. RIH W/ PERF GUNS & PERF THE REMAINING M.V. @ 7178'-7180', 7238'-7240', & 7276'-7278' USING 3-3/8" EXP GUNS, 23 GM, 0.36, 90* PHS, 4 SPF, [24 HLS] WHP=1508. BRK DN PERFS @ 2570 @ 2 BPM. ISIP=1951, F.G.=.71. CALC ALL PERFS OPEN. PMP'D 4467 BBLS SLK WTR & 173,073# 30/50 SD W/ 5000# R.C. SD @ TAIL. ISIP=2085, F.G.=.73, NPI=134, MP=5449, MR=54, AP=4533, AR=51 BPM.
					. , .		[KILL PLUG] RIH W/ BAKER 8K CBP & ATTEMPT SET @ 7128'. PLUG WOULD NOT SET. POOH. PLUG STUCK @ 2075'. WORK PLUG. NO LUCK. OPEN WELL TO PIT, FLOWING 50# FOR 10 MIN.LOST FLOW. PLUG SET. RD FLOOR. RDMO BJ. GRND TOTAL 30/50 & R.C. SAND=649,793 & TOTAL FLUID=17,744 BBLS.
			•				6:30 PM SWI-SDFN. PREP TO FISH PLUG TOOLS & DRILL OUT 7 CBP'S IN AM.
<u> </u>							NOTE: SURFACE CSG HAD 550# PSI BEFORE & DURING FRAC. BLED OFF & PSI BUILDS BACK.
9/2008		-	RAD BURMA				<u>MD:</u>
	7:00 <i>-</i> 7:30 <i>-</i>	7:30 17:00	0.50 9.50	COMP	48	P	JSA#5
							SICP=50# BLED OFF INSTANTLY. CUTTERS PULLED OUT OF ROPE SOCKET??? POOH W/ WIRELINE. RDMO CUTTERS. ND FRAC VALVES, NUBOP. R/U FLOOR & TBG EQUIPMENT. P/U 2-3/8" X 6' PUP JT, 3-1/8" X 5.85' JARS, 3-1/8" X 5.90 LBS, 3-7/8" X 3.00 O.S. EXT & 3-7/8" 2.05' O.S & RIH OUT OF DERRICK ON 2-3/8" J-55 TBG. TAG FISH TOP @ 1890'. ATTEMPT TO WORK & WASH OVER FISH TOP. NO LUCK. [WIRELINE ABOVE FISH??]. CALL FOR W.L. SPEAR & BASKET GRAPPLE POOH & INSPECT O.S. LOOKED GOODA FEW MARKS. RIH, TAG FISH TOP @ 1890'. REVERSE CIRCULATE & WORK O.S. & TBG. NO LUCK & HAD CLEAN RETURNS. POOH STDG BACK TBG. L/D 3-7/8" O.S. BHA. & P/U 1-7/16" BASKET GAPPLE & RIH W/ SAME ABOVE RBS TOOLS TO LATCH ON TO CABLE HEAD. TAG & LATCH FISH TOP @ 1890'. POOH STDG BACK TBG. FOUND 15' WIRELINE & ALL. OF CUTTERS WIRELINE TOOLS. L/D ALL TOOLS. P/U 3-7/8" BIT, POBS W/ XN NIPPLE & RIH OUT OF DERRICK ON 2-3/8" TBG. TAG CBP#1 @ 1903'. R/U SWVL & RIG PUMP. ESTABLISH CIRCULATION.
				•			[DRLG CBP#1] @ 1903'. DRILL OUT BAKER 8K CBP IN 10 MIN. 1100# DIFF. [CHOKED WELL BACK WHILE DRLG PLUG]. LET PSI BLEED DOWN. FCP=150#. R/D SWVL. RIH TO 3784'. TOP PERF @ 7178'. FCP=50#. 8 PM SWI-SDFN. PREP TO DRILL OUT 6 CBP'S IN AM.
	17:00 -	17:00	0.00	COMP			
0/2008	SUPERVI	**************************************		****	~		

	7:00 - 7:3		COMP	48	1	Р	JSA#5
	7:30 - 15:0	7.50	COMP	-44	I	Р	7AM [DAY 5] SICP=1225#. EOT @ 3784'. RIH, TAG SD @ 7338'. R/U SWVL & PMP. ESTB CIRC W/ 2% KCL. C/O 20' SD.
							[DRLG CBP#2] @ 7358'. DRILL OUT BAKER 8K CBP IN 4 MIN. 75# DIFF. RIH, TAG SD @ 7425'. C/O 35' SD. FCP=100#.
							[DRLG CBP#3] @ 7460'. DRILL OUT BAKER 8K CBP IN 3 MIN. 50# DIFF. RIH, TAG SD @ 7590'. C/O 25' SD. FCP=125#.
							[DRLG CBP#4] @ 7615'. DRILL OUT BAKER 8K CBP IN 5 MIN. 100# DIFF. RIH, TAG SD @ 7769'. C/O 20' SD.
							[DRLG CBP#5] @ 7789'. DRILL OUT BAKER 8K CBP IN 5 MIN. 50# DIFF. RIH, TAG SD @ 7907'. C/O 20' SD. FCP=250#.
							[DRLG CBP#6] @ 7927'. DRILL OUT BAKER 8K CBP IN 5 MIN. 100# DIFF. RIH, TAG SD @ 8105'. C/O 25' SD. FCP=350#.
							[DRLG CBP#7] @ 8130'. DRILL OUT BAKER 8K CBP IN 5 MIN. 75# DIFF. RIH, TAG SD @ 8268'. C/O 70' SD TO PBTD @ 8338'. CIRC WELL CLN. R/D SWVL. POOH & L/D 17 JTS ON FLOAT. LAND TBG ON HNGR W/ 248 JTS NEW 2-3/8' J-55 TBG. EOT @ 7820.08' & XN @ 7817.88'. AVG 6 MIN/PLUG & C/O 215' SD, R/D FLOOR & TBG EQUIPMENT. NDBOP. NUWH. DROP BALL DN TBG & PMP OFF THE BIT @ 2300#. OPEN WELL TO FBT ON 20/64 CHOKE. FTP=2000#, SICP=2000#. 1 PM TURN WELL OVER TO FBC. LTR @ 1PM=15499 BBLS. RACK EQUIP. RDMO. ROAD RIG TO BONANZA 1023-7A. MIRU. SPOT EQUIPMENT.
			•••		* . . *		268 JTS DELIVERED 248 LANDED 19 RETURNED 1 BAD JT LEFT ON GROUND
11/2008	SUPERVISOR:	BRAD BURMAN					· <u>MD:</u>
	7:00 -			33	A	1	7 AM FLBK REPORT: CP 2600#, 1P 2200#, 20/64" CK, 40 BWPH, MED SAND, - GAS TTL BBLS RECOVERED: 3005 BBLS LEFT TO RECOVER: 14739
/12/2008	SUPERVISOR:	BRAD BURMAN		• • •			MD:
	7:00 -			33	Α	-	7 AM FLBK REPORT: CP 3250#, TP 2200#, 20/64" CK, 37 BWPH, MEDIUM SAND, - GAS ITL BBLS RECOVERED: 3932 BBLS LEFT TO RECOVER: 13812
/13/2008	SUPERVISOR:	BRAD BURMAN				_	MD:
	7:00 -			33	A	۸ ۲	TAM FLBK REPORT: CP 3100#, TP 2225#, 20/64" CK, 35 BWPH, MEDIUM SAND, 2.3 GAS TL BBLS RECOVERED: 4790 BBLS LEFT TO RECOVER: 12954
/14/2008	SUPERVISOR:	BRAD BURMAN					MD:
	7:00 -			33	A	T	AM FLBK REPORT: CP 3035#, TP 2225#, 20/64" CK, 28 BWPH, RACE SAND, 2.6 GAS TL BBLS RECOVERED: 5518 BBLS LEFT TO RECOVER: 12226

7/14/2008 9:34:13AM



UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FOR	M AF	PRO	VE	D
OMB	NO.	1004	-01	37
Evnires:	Nove	mher	30	200

5. Lease Serial No.

WELL	COMPLETION	OR RECOMPL	ETION REPORT	ANDLOG
**			.L ::OIT IXLF OIX I	AID LOG

													UTL	J-384	<u>420</u>			
1a. Type of b. Type of 0		Oil W	rell [2	Gas ew		Dry Vork Over	Othe	er Deepen	☐ Ph	ig Back	☐ Diff	Resvr.	6.	If Ind	ian, A	llottee or	Tribe 1	Name
	•		Other						_	- G			7.	Unit	or CA	Agreeme	nt Nan	ne and No.
2. Name of	Operator												1 · R	Lease	Name	e and We	ll No	
KERR-M	CGEE (OIL & G	AS O	NSHC	REI	_P					_		1			1023		
3. Address									3a. Pho	one No. (inc	clude area	a code)	<u> </u>		Vell N			
1368 SC										(435) 7	81-702	24	430	4737	7326			
4. Location	of Well (Re	port locat	ions cle	arly and	in acc	ordance wii	th Fede	eral requi	rements)	*			10	Field	l and F	Pool or F	xplorat	OLA
At surface SW/NE 1941'FNL, 2110'FEL											10. Field and Pool, or Exploratory NATURAL BUTTES							
At top prod. interval reported below													Surv	ey or A	., M., or l Area Parish		nd , T10S, R23E 13. State	
At total dep	th													TAH	-			UTAH
14. Date Sp			15	. Date T	.D. Re	ached				e Complete	d					(DF, RK	B, RT,	
03/28/08	3		04	4/25/0	8				07/13	D&A 8/08	X Rea	dy to Prod.	532	2'GL	-			
18. Total D	epth: MI		8390	'	19. Pl	ug Back T.I		/ID TVD	8338			20. Depth	Bridge	e Plug		MD TVD		
21. Type E			anical L	ogs Run	(Subm	it copy of e						well cored				Yes (Sub		
001 00					~ .							DST run? ectional Sur				Yes (Sub 🗖 Yes (_	
CBL-CC						771					Dile	cuonai sui	vey: •	140		1 1 1 1 1 1	Subinit	
23. Casing								Stage Ce	menter	No. of	Sks. &	Slurry V	ol.					
Hole Size				Top (M	ID)	Bottom (N	4D)	Dep		Type of		(BBL)		Cer	nent T	op*	Am	ount Pulled
20"	14"	36.7				40'				28								
12 1/4" 7 7/8"	9 5/8" 4 1/2"	36#			.	2130 8390				900 1435		<u> </u>						
1 110	4 1/2	11.6	#			0390	<u>'</u>			1430	<u> </u>	ļ	-+					
24. Tubing	Record	I—				<u></u>												
Size	Depth Se	t (MD)	Packer	Depth (MD)	Size		Depth Se	t (MD)	Packer De	pth (MD)	Siz	æ	I	Depth	Set (MD) Pa	cker Set (MD)
2 3/8"	782	21'																
								26 2 2				<u> </u>		Ш				
25. Produci				Tor		Potton		26. Perfo	forated l		- 1	Size	l N	o. Hol	05		Perf.	Status
. M	Formation ESAVEF			Top 717		Botton 8265			178'-8		_	0.36		279	es		OP	
• - /	LOAVLI	IDL	\dashv	7 17		0200	+	•	170-0	200		0.00	 	210			<u> </u>	
B) C)			\dashv				\dashv				1		 					
D)																		
27. Acid, F	racture, Tre	atment, C	ement S	queeze,	Etc.								-					
	Depth Inter	val								Amount an								
7	7178'-82	65'	P	MP 17	7,744	BBLS S	SLICE	(H2O	<u>& 649,</u>	793# 30)/50 SE)						
			+						***									
28. Product	tion - Interv	al A														•		
Date First	Test	Hours	Test	Oil		Gas	Water	· · · · · ·	Oil Grav		Gas		Produc	ction N	lethod			
Produced 07/13/08	Date	Tested 24	Producti	on BBL	0	мсғ 3,409	BBL	360	Согт. АР	·I	Gravity			F	I OW	/S FR	OM W	/FII
Choke	Tbg. Press.	Csg.	24 Hr.	Oil	<u> </u>	Gas	Water	300	Oil Grav	ity	Well Statu	ıs	L		LOVI	10111	J101 V	V 1-1-1-
Size	Flwg. 1551#	Press.	Rate	BBL	_	MCF	BBL	260	Corr. AF			Dr	וטטנ	ICIN	וכ ר	2A C 1A	'E11	
20/64 28a. Produ	SI ction - Inter	2016#			0	3409	L	360	<u> </u>			Pr	יטטו	יווטנ	10 0	SAS W	CLL	
	Test	Hours	Test	Oil		Gas	Water		Oil Grav	ity	Gas		Produ	ction N	1ethod	,		
	Date	Tested	Producti			MCF	BBL		Согг. АР	-	Gravity				R	ECI	EIV	ED
	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL		Gas MCF	Water BBL		Oil Grav Corr. AF		Well Statu	ıs.	,		•	AUG 1	1 2	800

28b. Production - Interval C													
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method				
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status					
28c. Pro	duction - Inte	rval D											
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method				
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status					
	osition of Ga	s (Sold, use	d for fuel, v	ented, etc.)									
	SOLD 30. Summary of Porous Zones (Include Aquifers): 31. Formation (Log) Markers												
30. Summary of Porous Zones (Include Aquifers): Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.													
Fo	rmation	Тор	Bottom		Descript	ions, Content	ts, etc.		Name	Top Meas. Depth			
GREEN RIVER MAHOGANY WASATCH MESAVERDE 1217' 1809' 4183' 6298' 6298'													
32. Additional remarks (include plugging procedure): 33. Circle enclosed attachments: 1. Electrical/Mechanical Logs (1 full set req'd.) 2. Geologic Report 3. DST Report 4. Directional Survey													
	5. Sundry Notice for plugging and cement verification 5. Core Analysis 7. Other:												
					ation is comp	plete and corr			records (see attached instr	ructions)*			
Nam	e (please prin	SHE	LA UPC	HEGO	101	1101	Title _		TORY ANALYST				
Sign	ature /	111	X	$\frac{\mathcal{L}}{\mathcal{L}}$	4/1	very	Date _	08/07/08	nake to any department or a	genou of the United			
Title 101	IICC Contin	- 1001 and	Title 12 II C	C Section 12	17 make it a	crime to any	z nerson knowingly	and whitelly to it	iake to any department of a	Relica of the Oured			

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Federal Approval of this Action is Necessary

API Well No: 43047373260000

			FORM O							
	STATE OF UTAH		FORM 9							
	DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MININ	IG	5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-38420							
SUND	SUNDRY NOTICES AND REPORTS ON WELLS to not use this form for proposals to drill new wells, significantly deepen existing wells below current									
	igged wells, or to drill horizontal laterals. Use		7.UNIT or CA AGREEMENT NAME:							
1. TYPE OF WELL Gas Well		8. WELL NAME and NUMBER: BONANZA 1023-7G								
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONS	9. API NUMBER: 43047373260000									
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th S	treet, Suite 600, Denver, CO, 80217 3779	PHONE NUMBER: 720 929-6587 Ext	9. FIELD and POOL or WILDCAT: NATURAL BUTTES							
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1941 FNL 2110 FEL			COUNTY: UINTAH							
QTR/QTR, SECTION, TOWNSHI Qtr/Qtr: SWNE Section: 07	P, RANGE, MERIDIAN: Township: 10.0S Range: 23.0E Meridian: S		STATE: UTAH							
11. CHE	CK APPROPRIATE BOXES TO INDICATE	NATURE OF NOTICE, REPORT,	OR OTHER DATA							
TYPE OF SUBMISSION		TYPE OF ACTION								
	ACIDIZE	ALTER CASING	CASING REPAIR							
NOTICE OF INTENT Approximate date work will start:	☐ CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME							
7/29/2009	☐ CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE							
	DEEPEN	FRACTURE TREAT	□ NEW CONSTRUCTION							
SUBSEQUENT REPORT Date of Work Completion:										
	☐ OPERATOR CHANGE	PLUG AND ABANDON	☐ PLUG BACK							
SPUD REPORT	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	✓ RECOMPLETE DIFFERENT FORMATION							
Date of Spud:	☐ REPERFORATE CURRENT FORMATION ☐	SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON							
	TUBING REPAIR	VENT OR FLARE	WATER DISPOSAL							
DRILLING REPORT Report Date:	WATER SHUTOFF	SI TA STATUS EXTENSION	APD EXTENSION							
	☐ WILDCAT WELL DETERMINATION ☐	OTHER	OTHER:							
12. DESCRIBE PROPOSED OR CO	MPLETED OPERATIONS. Clearly show all pertine	ent details including dates, depths, v	olumes, etc.							
	QUESTS AUTHORIZATION TO RE									
l .	TION. THE OPERATOR PROPOSE		Approved by the							
	ESAVERDE FORMATION. THE OF		Utah Division of Oil, Gas and Mining							
l .) COMMINGLE THE NEWLY WASA EXISTING MESAVERDE FORMATI		On, Gas and Mining							
	ATTACHED RECOMPLETION PRO		ate: June 10, 2009							
	7.1.7.G.125 1.2601 1.2212011 1.1.6	, old on a	1)4/11/14							
		B	y:							
NAME (PLEASE PRINT) Sheila Upchego	PHONE NUMBER 435 781-7024	TITLE Regulatory Analyst								
SIGNATURE		DATE								
N/A		6/3/2009								



The Utah Division of Oil, Gas, and Mining

- State of UtahDepartment of Natural Resources

Electronic Permitting System - Sundry Notices

Sundry Conditions of Approval Well Number 43047373260000

In accordance with Cause No. 179-12, commingling of the Wasatch and Mesaverde formations is allowed.

> Approved by the **Utah Division of** Oil, Gas and Mining

Name: Bonanza 1023-7G
Location: SW NE Sec. 7 10S 23E

Uintah County, UT

Date:

02/19/09

ELEVATIONS:

5322 GL

5340 KB

TOTAL DEPTH:

8383

PBTD: 8338

SURFACE CASING:

9 5/8", 36# J-55 ST&C @ 2101'

PRODUCTION CASING:

4 1/2", 11.6#, I-80 LT&C @ 8383"

Marker Joint 4139-4159'

TUBULAR PROPERTIES:

	BURST	COLLAPSE	DRIFT DIA.	CAPACITIES	3
	(psi)	(psi)	(in.)	(bbl/ft)	(gal/ft)
2 3/8" 4.7# J-55 tbg	7,700	8,100	1.901"	0.00387	0.1624
4 ½" 11.6# I-80 (See above)	7780	6350	3.875"	0.0155	0.6528
2 3/8" by 4 ½" Annulus				0.0101	0.4227

TOPS:

1217' Green River

1455' Birdsnest

1809' Mahogany

4183' Wasatch

6298' Mesaverde

Estimated T.O.C. from CBL @3000

GENERAL:

- A minimum of 17 tanks (cleaned lined 500 bbl) of recycled water will be required. Note: Use biocide in tanks and the water needs to be at least 45°F at pump time.
- All perforation depths are from Halliburtons Induction-Density-Neutron log dated 03/26/08
- 7 fracturing stages required for coverage.
- Procedure calls for 8 CBP's (8000 psi).
- Calculate open perforations after each breakdown. If less than 60% of the perforations appear to be open, ball out with 15% HCl.
- Put scale inhibitor 3 gals/1000 gals (in pad and ½ the ramp) and 10 gals/1000 gals in all flushes except the final stage. Remember to pre-load the casing with scale inhibitor for the very first stage with 10 gpt.
- 30/50 mesh Ottawa sand, Slickwater frac.
- Maximum surface pressure 6200 psi.
- Flush volumes are the sum of slick water and acid used during displacement (include scale inhibitor as mentioned above). DO NOT OVERDISPLACE. Stage acid and scale inhibitor if necessary to cover the next perforated interval.
- Service companies need to provide surface/production annulus pop-offs to be set for 1500 psi for each frac.

- Pump resin coated sand last 5,000# of all frac stages
- Tubing Currently Landed @~7820
- Originally completed on 07/07/08

Existing Perforations:

Zone	From	То	SPF	# of Shots
Mesaverde	7178	7180	4	8
Mesaverde	7238	7240	4	8
Mesaverde	7276	7278	4	8
Mesaverde	7324	7328	4	16
Mesaverde	7420	7430	4	40
Mesaverde	7535	7540	4	20
Mesaverde	7580	7585	4	20
Mesaverde	7665	7669	4	16
Mesaverde	7706	7708	4	8
Mesaverde	7755	7759	4	16
Mesaverde	7840	7844	4	16
Mesaverde	7891	7897	4	24
Mesaverde	7978	7982	3	12
Mesaverde	8006	8008	3	6
Mesaverde	8041	8044	3	9
Mesaverde	8096	8100	3	12
Mesaverde	8202	8206	4	16
Mesaverde	8259	8265	4	24

PROCEDURE:

- MIRU. Control well with recycled water and biocide as required. ND WH, NU BOP's and test.
- 2. TOOH with 2-3/8", 4.7#, J-55 (or N-80) tubing (currently landed at ~7820'). Visually inspect for scale and consider replacing if needed.
- 3. If tbg looks ok consider running a gauge ring to 7110 (50' below proposed CBP). Otherwise P/U a mill and C/O to 7110 (50' below proposed CBP).
- 4. Set 8000 psi CBP at ~ 7060'. Pressure test BOP and casing to 6000 psi. .
- 5. Perf the following with 3-3/8" gun, 23 gm, 0.36"hole:

Zone	From	To	spf	# of shots
MESAVERDE	6976	6978	4	8
MESAVERDE	6992	6996	4	16
MESAVERDE	7026	7030	4	16

- 6. Breakdown perfs and establish injection rate (<u>include scale inhibitor in fluid</u>). Spot 250 gals of 15% HCL and let soak 5-10 min. Fracture as outlined in Stage 1 on attached listing. Under-displace to ~6930' and trickle 250gal 15%HCL w/ scale inhibitor in flush. Note tight spacing between stages 1 & 2.
- 7. Set 8000 psi CBP at ~6920'. Perf the following 3-3/8" gun, 23 gm, 0.36"hole:

Zone	From	То	spf	# of shots
MESAVERDE	6774	6776	4	8
MESAVERDE	6806	6808	4	8
MESAVERDE	6856	6860	4	16
MESAVERDE	6888	6890	4	8

- 8. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 2 on attached listing. Under-displace to ~6724' and trickle 250gal 15%HCL w/ scale inhibitor in flush.
- 9. Set 8000 psi CBP at ~6698'. Perf the following with 3-3/8" gun, 23 gm, 0.36" hole:

```
# of shots
Zone
            From
                    To
                         spf
                   6472
                                16
MESAVERDE 6468
                         4
MESAVERDE 6534
                   6536
                         4
                                8
                         4
                                16
MESAVERDE 6614
                   6618
MESAVERDE 6666
                   6668
                                8
```

- Breakdown perfs and establish injection rate. Fracture as outlined in Stage 3 on attached listing. Under-displace to ~6420' trickle 250gal 15%HCL w/ scale inhibitor in flush. Note tight spacing between stages 3 & 4.
- 11. Set 8000 psi CBP at ~6410'. Perf the following with 3-3/8" gun, 23 gm, 0.36" hole:

```
# of shots
Zone
            From
                    To
                         spf
WASATCH
                                4
             6167
                   6168
                          4
                                8
WASATCH
             6230
                   6232
                          4
             6304
                   6308
                          4
                                16
WASATCH
WASATCH
             6324
                   6326
                          4
                                8
                                8
WASATCH
             6378
                   6380
```

- 12. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 4 on attached listing. Under-displace to ~6117' and trickle 250gal 15%HCL w/ scale inhibitor in flush.
- 13. Set 8000 psi CBP at ~5946'. Perf the following with 3-3/8" gun, 23 gm, 0.36" hole:

```
Zone From To spf # of shots
WASATCH 5780 5784 4 16
WASATCH 5910 5916 4 24
```

- 14. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 5 on attached listing. Under-displace to ~5730' and trickle 250gal 15%HCL w/ scale inhibitor in flush.
- 15. Set 8000 psi CBP at ~5326'. Perf the following with 3-3/8" gun, 23 gm, 0.36" hole:

 Zone From To spf # of shots

WASATCH	5200	5204	4	16
WASATCH	5290	5296	4	24

- 16. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 6 on attached listing. Under-displace to ~5150' and trickle 250gal 15%HCL w/ scale inhibitor in flush.
- 17. Set 8000 psi CBP at ~5076'. Perf the following 3-3/8" gun, 23 gm, 0.36" hole:

Zone	From	То	spf	# of shots
WASATCH	4836	4838	4	8
WASATCH	4962	4968	4	24
WASATCH	5044	5046	4	8

- 18. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 7 on attached listing. Under-displace to ~4786' and flush only with recycled water.
- 19. Set 8000 psi CBP at~4786'.
- 20. TIH with 3 7/8" mill, pump-off sub, SN and tubing.
- 21. Mill plugs and clean out to PBTD. Land tubing at ± 7820 ' and pump off bit unless indicated otherwise by the well's behavior. This well will be commingled at this time.
- 22. RDMO
- 23. Clean out well with foam and/or swabbing unit until steady flow has been established from recomplete.

For design questions, please call Sarah Schaftenaar, Denver, CO (303)-895-5883 (Cell) (720)-929-6605 (Office)

For field implementation questions, please call Robert Miller, Vernal, UT 4350781 7041 (Office)

NOTES:

RECEIVED June 03, 2009

	Zone	Feet of Pay	P Top, ft	rfs Bot	n si	PF H	- 1	Rate BPM	Fluid Type	Initial ppg	Final PPg	Fluid	Volume gals	Cum Vol gals	Volume BBLs	Cum Vol BBLs	fluid % of frac	Sand Notified	Sand	Cum, Sand lbs	Footage from CBP to Flush	Scal Inhib gal
MES MES MES MES MES MES MES MES	SAVERDE SAVERDE SAVERDE SAVERDE SAVERDE SAVERDE SAVERDE SAVERDE SAVERDE SAVERDE SAVERDE SAVERDE	4 2 13 2 13 0 0 0		6		4 4 4	6 16 16	0 50 50 50 50 50 50	Pump-in test ISIP and 5 min ISIP Stickwater Pad Stickwater Ramp SW Sweep Stickwater Ramp SW Sweep Stickwater Ramp Stickwater Ramp Flush (4-12") ISOP and 5 min ISDF	0 25 0 1 0 05 15	15 0 15	Stickwater Stickwater Stickwater Stickwater Stickwater Stickwater Stickwater Stickwater	8,400 15,867 0 15,867 0 0 15,867 4,524	8,400 24,267 24,267 40,133 40,133 40,133 56,000 60,524 60,524	200 378 0 378 0 0 378 108	0 200 578 578 956 956 956 1,333 1,441	15 0% 20 3% 26 3%	0.0% 17.2% 0.0% 34.5% 0.0% 48.3%	9,917 0 19,833 0 0 27,767	0 9,917 9,917 29,750 29,750 29,750 57,517 57,517	lbs sand N	45 26 24 0 24 0 0 0 0 45
A.E.	SAVERDE	32	677		Perfs/sta	nge 4	40		<< Above pump time Pump on test	(min)		Slickwater		0	F1	ush depth	6930	ya. n	BP depth		10	
ME:	SAVERDE SAVERDE SAVERDE SAVERDE SAVERDE SAVERDE SAVERDE SAVERDE SAVERDE SAVERDE SAVERDE SAVERDE SAVERDE	3 5 2 0 0 0 0	580i 586i 588i	6	3808 3860 3890	4 4 4	8 16 8	0 50 50 50 50 50 50	ISP and 5 min ISP Slickwater Pad Slickwater Ramp SW Sweep Slickwater Ramp SW Sweep	0 25 0 1 0 0 5 1 5	15 0 15	Slichwater Slichwater Slichwater Slichwater Slichwater Slichwater	3,255 6,143 0 6,143 0 0 6,148 4,389	3,255 9,403 9,403 15,562 15,552 15,552 21,700 26,089	78 146 0 145 0 0 0 146 105	78 224 224 370 370 370 517 621	15.0% 28.3% 26.3% 26.3%	0.0% 0.0% 48.3%	0 3,843 0 7,685 0 0 10,760	3,843 11,528 11,528 11,528 22,288 22,288		10 (0 (0 (0 (0 (0 (0 (0 (0 (0 (0 (0 (0 (0
		16		# of	Perfs/st	age	40	103	<< Above pump time	(min)					F	lush depth	6724	gal ft	1,400 CBP depth		lbs sand.ft 76	
ME ME ME ME ME ME ME ME ME	SAVERDE SAVERDE SAVERDE SAVERDE SAVERDE SAVERDE SAVERDE SAVERDE SAVERDE SAVERDE SAVERDE SAVERDE SAVERDE	2 2 5 5 2 2 3 3 7 9 3	653 661 686		rfs rfs rfs rfs rfs	4 4 4	8 16 8	Vaned 50 50 50 50 50 50 50	Pump-in-test ISP and 5 mm ISP Stickwater Pad Stickwater Ramp SW Sweep Stickwater Ramp Sickwater Ramp Sickwater Ramp Flush (4 12") ISOP and 5 min ISDI	0.25 0 1 0 0.5 1.5	15	Slickwater Slickwater Slickwater Slickwater Slickwater Slickwater Slickwater Slickwater Slickwater	10,369 19,585 0 19,585 5,250 3,000 19,585 4,191	29,954 29,954 49,540 54,790	0 247 466 0 466 125 71 466 100	0 247 713 713 1,180 1,305 1,376 1,771 1,871	15.0% 26.3% 28.3% 28.3%	16.5% 0.0% 39.1% 0.0% 41.% 46.3%	24,482 0 3,600 34,274 1,750	12,241 36,723 36,723 36,723 39,723 73,997 73,997	lhs sand/fi	3 2 (2 (((4 4
	ASATCH	40			Perfs/st	age	48	35.4	<< Above pump time Pump-in test	(min)		Shokwater		0	F	lush depth			CBP depth	6,410	10	
WA WA WA WA ME ME ME ME	ASATCH ASATCH ASATCH ASATCH ASATCH ASATCH ESAVERDE ESAVERDE ESAVERDE ESAVERDE ESAVERDE ESAVERDE	2 2 2 3 4 4 9 2 3 3 2 2	623 630 637 637	4	6232 6308 6326 6380 offs offs offs	4 4 4	8 16 8 8	50 50 50 50 50 50 50 50	(SF) and 5 men (SIP) Sindwater Pad Sindwater Ramp SW Swrep Sindwater Framp Sindwater Framp Sindwater Ramp ISDP and 5 min ISD	0.25 .0 .1 .0 .0.5	15	Shckwater Shckwater Shckwater Shckwater Shckwater Shckwater Shckwater	7,129 13,458 0 13,458 0 0 13,458 3,993	7,125 20,583 20,583 34,042 34,042 34,042 47,500	170 320 0 320 0 0 0 0 0 320 95	170 490 490 811 811		0 0% 0 0% 34 5% 0 0%	8,411 (16,82) ((23,55)	8 411 8 25,234 9 25,234 0 25,234		2 2 2 1
ME	ESAVERDE	36		No.po	Perfs/st	Lage	41								F	lush depth	6117	galTi	1,250 CBP depth		lbs sand II 1/1	
W/A W/A W/A W/A W/A W/A W/A W/A	ASATCH ASATCH ASATCH ASATCH ASATCH ASATCH ASATCH ASATCH ASATCH ASATCH ASATCH ASATCH	9 26 6 6 6 6 6 6	591		5784 5919	4 4	16 24	55 55 55 55 56 51 51 51	cc Above pump time Pump in test (SIP) and 5 min ISP (SIP) and 5 min ISP (SIR) water Pad (Sir) kwater Pamp (SIC) kwater Ramp (Flush (4-1/2*) (SIP) and 5 min ISD	0.25 0 1 0.5	1 15	Stickwater Stickwater 1 Stickwater 5 Stickwater 5 Stickwater 5 Stickwater 5 Stickwater 5 Stickwater	3,150 5,950 (5,950 (6,950 3,741	9,100 9,100 15,050 15,050 15,050 21,000	((142 89	76 217 217 258 258 258 258 500 589	26 39 26 39 26 39 26 39	6 17.2% 8.0% 8.0% 8.0% 0.0% 6 40.3%	10,41	3,716 11,156 11,156 11,156 21,566 21,566	9 6 6 9 9 5 Ibs sand It	
	CERTANNI C	38		# of	Perfs/s	tage	40	10.0	<< Above pump time	(min)		Sickwater			ı	lush depth	5730		CBP depti	1 5,326	464	
90 90 90 90 90 90 90	MEATOH MASATOH MASATOH MASATOH MASATOH MASATOH MASATOH MASATOH MASATOH MASATOH		3 52 1 1 1	(i) No po	5296 erli	4	24	50 50 50 50 50 50	JISP and 5 mm ISP J Stickwater Pad Stickwater Pad Stickwater Pamp SW Sweep J Skickwater Ramp SW Sweep J SW Sweep J Sweep J Sweep J Suckwater Ramp D Buckwater Ramp D Buckwater Ramp D Buckwater Ramp	0.5	1 1	Strikwater 1 Stekwater 0 Stekwater 5 Stekwater 0 Stekwater 5 Strikwater 2 Stekwater	3.54/ 6.70/ 6.70/ 6.70/ 3.36,	1 10,246 0 10,246 1 16,946 0 16,949 0 16,949 1 23,650	160 160 160 160 160 80	244 244 404 0 404 0 404 0 563	20 30 20 30 20 30 20 30	6 17.2% 8 0.0% 6 34.53 6 0.0% 6 48.3%	4.18 8.37 11.72	0 4,10 6 12,56 9 12,56 0 12,56 6 24,29 24,29 0 1,13	8 4 4 4 1	
		2			Perfs/s	tage	40	11.3				Shilters				lush depth	1	4	CBP dept	h 6,076	74	
900 900 900 900 900 900 900	WASATCH		2 48 5 49 3 50 0 0 0 0 0 0 0 0 0 0	12	4638 4568 5046	4 4	E 24	5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	I Hump in test USP and 5 men ISP USE and 5 men ISP USE water Pad USE water Ramp SW Sweep USE water Ramp USW Sweep USE water Ramp	0:	0 1 1 0 5 1	Sickwater 1 Sickwater 0 Sickwater 5 Sickwater 0 Sickwater 5 Sickwater 2 Sickwater	3.42 6.46 6.46 6.46 3.13	0 3,420 0 9,880 0 9,880 0 16,340 0 16,340 0 16,340	15 15 15 15 15 15 15 15 15 15 15 15 15 1	1 8 234 0 234 1 339 1 389 1 54 4 61	1 15.00 5 20 m 5 9 20 m 1	% 17.29 0.03 % 34.59 0.03 0.03 48.39	4 03 6 8,07 8 11,30 8 2,40	0 4,03 5 12,11 0 12,11 0 12,11 0 23,41 23,41 0 2,46	8 3 3 4 8 8 8 8	
			0	N a	Perfs/s	dage	41	10.9	0				Total Shill	200 25	1	Flush depti			CBP dept	H CHICAGO	5	LOC
To	otals	19	1				29.						Total Fluid		gals bbls		B tanks		Total San	30000000	5 at Scale Inhib.	- 6

Bonanza 1023-7G Perforation and CBP Summary

		Perfo	orations								
Stage	Zones	Top, ft	Bottom, ft	SPF	Holes	Fract	Fracture Coverage				
			6070			6076	to	6980			
1	MEGITIENDE	6976	6978	4	16	6976 6986.5	to	6988			
	MESAVERDE	6992	6996 7030	4	16	6991	to	7003.5			
	MESAVERDE	7026		4	16	7004.5	to	7005.5			
	MESAVERDE		No perfs			7019	to	7031.5			
	MESAVERDE		No perfs			7019	10	7031.3			
	# of Perfs/stage				40	CBP DEPTH	6,920				
	MEGW/EDDE	0774	6776	4	8	6738	to	6740.5			
4	MESAVERDE	6774	6808	4	8	6773.5	to	6777.5			
	MESAVERDE	6806		4	16	6806	to	6808.5			
	MESAVERDE	6856	6860	4	8	6856.5	to	6861.5			
	MESAVERDE	6888	6890	4	- 6			6890			
	MESAVERDE		No perfs			6888.5	to	0090			
	# of Perfs/stage	- Transaction			40	CBP DEPTH	6,698				
								Alaka Land			
3	MESAVERDE	6468	6472	4	16	6431.5	to	6433			
	MESAVERDE	6534	6536	4	8	6453	to	6454.5			
	MESAVERDE	6614	6618	4	16	6467.5	to	6472			
	MESAVERDE	6666	6668	4	8	6480	to	6482			
	MESAVERDE		No perfs			6529	to	6530.5			
	MESAVERDE		No perfs			6532.5	to	6535			
	MESAVERDE		No perfs			6537	to	6538.5			
	MESAVERDE		No perfs			6539.5	to	6542.5			
			No perfs			6612	to	6619			
	MESAVERDE					6620.5	to	6629			
	MESAVERDE		No perfs			6665	to	6668			
	MESAVERDE		No perfs				to	6672			
	MESAVERDE		No perfs			6669	10	0072			
	# of Perfs/stage				48	CBP DEPTH	6,410				
		0407	0400		4	6152.5	to	6154			
,	4 WASATCH	6167	6168	4			to	6163			
	WASATCH	6230	6232	4	8	6161.5	-	6167.5			
	WASATCH	6304	6308	4	16	6165.5	to				
	WASATCH	6324		4	8	6220	to	6222			
	WASATCH	6378		4	8	6230	to	6233.5			
	WASATCH		No perfs			6236	to	6239.5			
	MESAVERDE		No perfs			6301.5	to	6310.5			
	MESAVERDE	A	No perfs			6324.5	to	6326.5			
	MESAVERDE		No perfs			6329.5	to	6332.5			
	MESAVERDE		No perfs			6352	to	6354			
	MESAVERDE		No perfs			6374.5	to	6376			
	MESAVERDE		No perfs			6377.5	to	6381.5			
	MESAVERDE		No perfs			6383	to	6385.5			
					44	CBP DEPTH	5,946				
	# of Perfs/stage			TO MONITOR IN	44		3,340				
	5 WASATCH	5780		4	16	5778	to	5787			
	WASATCH	5910	5916	4	24	5892	to	5918			
	# of Perfs/stage				40	CBP DEPTH	5,326	V.voeta			
	- CIT CHOICE										
-	6 WASATCH	5200	5204	4	16	5198	to	5208			
	WASATCH	5290	5296	4	24	5290	to	5298			
	WASATCH		No perfs			5302.5	to	5306			
	# of Perfs/stage				40	CBP DEPTH	5,076				
	7 WASATCH	4836			8	4835.5	to	4837.5			
	WASATCH	4962	4968	4		4962	to	496			
	WASATCH	5044	5046	4	8	5043.5	to	5041			
	# of Perfs/stage				40	CBP DEPTH	4,786				
1	. Oil cliorotage										
	Totals				292						

Scale Inhib., gal.	2 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	500000046	29 29 29 47 132 132	10000000000000000000000000000000000000	00000000000000000000000000000000000000	1100000088	55050000 8 A	
Footage from CBP to Flush	Thomas 201	lbs sandft 26	lbs sandrift	ts sand/f	lbs sand/it 404	lbs sandff 24	lbs sand/ft 0	摄
Cum. Sand	9 9 4 7 9 9 1 7 29 750 29 750 29 750 57 517 57 517 6,920	3 843 3 843 11 528 11 528 11 52 288 22 288 22 288 1,438	12.241 12.241 36.723 36.723 38.723 39.723 73.987 73.987 74.0	8 411 8 411 8 411 25 234 25 234 48 786 48 786 48,786	3,719 3,719 11,156 11,156 21,569 21,569 21,569 21,569 21,569 21,569	4 188 4 188 12 564 12 564 12 564 24 291 24 291 24 291 5,076	4,038 4,038 12,113 12,113 12,113 23,418 23,418 4,786	
Sand	9 9 9 17 19 8 3 3 0 27 767 CBP depth	3843 7.685 0 10.760 1.400 CBP depth	12.241 24.482 3.000 34.274 1,750 CBP depth	8 411 16 823 0 0 23 552 1,260 CBP depth	3,719 7,438 7,438 10,413 600 CBP depth	4.186 8.376 8.376 11,726 CBP depth	4.038 8.075 8.075 11.305 CBP depth	
Sand % of frac	000% 000% 000% 000% 000%	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0.0% 16.5% 0.0% 11% 41% 46.3%	200% 00% 00% 00% 00% 00% 48.3%	0 0% 17 2% 0 0% 0 0% 0 0% 48 3%	00% 17.2% 00% 34.5% 00% 00% 46.3% 46.3%	0 0 0 % 2 % 2 % 2 % 2 % 2 % 2 % 2 % 2 %	
Fluid % of frac	28.3% 28.3% 28.3% 6930	15 0% 28 3% 28 3% 28 3% 6724	15 0% 28 3% 28 3% 28 3% 26 3%	15 0% 28 3% 28 3% 28 3% 6117	15 0% 28 3% 28 3% 28 3% 5730	15.0% 28.3% 28.3% 28.3% 5150	15 D% 28 3% 28 3% 28 3% 4786	- 886
Cum Vol BBLs	20 57 57 95 95 1.35 1.44 ush dept	78 224 224 370 370 370 5517 621	247 713 713 1.180 1.376 1.777 1.871	170 490 490 811 811 1,131 1,226	b de	84 244 244 404 404 404 563 643 1ush depth	81 235 235 389 389 543 617 617	ndan isol
Volume	378 378 378 378 108	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 468 0 468 173 173 170 170 170 170	320 320 320 320 320 320 320		K	0 #4040044	
Cum Vol	8 400 24 267 24 267 40 133 40 133 60 524 60 524	3,255 9,403 9,403 15,552 15,552 15,552 26,089 26,089	0 29,954 29,954 29,954 29,854 54,790 57,790 74,375 78,566	7 125 20 583 20 583 34,042 34,	3.150 9.100 9.100 15.050 15.050 22.7741 24.741	3 548 10 248 10 248 16 949 16 949 23 650 27 012	3.420 9.880 9.880 16.340 16.340 16.340 22.800 25.924	State of the last
Volume	8 400 15 867 15 867 0 0 0 15 867 4 524	255 6 6 6 7 1 8 7 1 8 7 1 8 7 1 8 8 1 8 9	10.369 19.585 18.585 5.250 19.000 19.585 4.191	7 125 13 458 13 458 0 0 0 13 458 3 993	3.150 5.950 5.950 5.950 0 0 5.950 3.741	3.548 6.701 6.701 6.701 3.362	3.420 6.460 6.460 6.460 6.460 3.124	07
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Final	10000	-0002	-02022	105052	1055	-05052	-05054	100
Initial	025	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 1 1 5 1 1 5 1	0 0 2 5 0 0 5 1 1 1 5 1 1 1 5 1	1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
Fluid	Purroin test ISIP and 5 mm ISIP Stokewater Ramp SW Sweep SW Sweep SW Sweep SW Sweep SI Stokewater Ramp SW Sweep SI Stokewater Ramp SI Stokewater R	Cabone gamp time Survey and 5 min 181P Survey Survey Survey Sur	Acceptance for the personnel of the pers	Actions press that the state of	cc Above pump time (Stronger in Stronger	Purmen test Sign and 5 min issip Sign Sign and 5 min issip Sign Sign Sign Sign Sign Sign Sign Sign	Purro-in test ISIP and 5 min ISIP Schwater Pad Schwater Pad Schwater Pamp SW Sweep SW Sweep SW Sweep Skickwater Ramp Skickwater Ramp Skickwater Ramp Skickwater Ramp ISICkwater Ramp ISICkwate	THE PERSON NAMED IN
Rate		Vaned 0 50 50 50 50 50 50 50 50 50 50 50 50 5	Varied Varied 50 50 50 50 50 50 50 50 50 50 50 50 50	√ 2	20 00 00 00 00 00 00 00 00 00 00 00 00 0	Varied Puring Paris (1971) 100 Puring	Varied Pumm 50 Shoke 50	901
Holes	e	8 8 9 9 9	B n n n o si	4 0 0 0 0 2 3	= 2 = 2	24 24	8 2 6	9
SPF	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 4 4 4 e	A A A A A	12/31 a a a a a a a a a a a a a a a a a a a	fu'stage	fartage	0 0 0 0	TS/Stely-
Perfs Top, ft. Bot., ft	256 22 68 23 68 20 60 60 60 60 60 60 60 60 60 60 60 60 60	6774 6776 6806 6808 6856 6800 6858 6890 No perft.	6465 6472 6534 6536 6514 6556 No perth No perth	6167 6230 6232 6234 6236 6324 6326 6324 6326 6327 69945 No perfs No perfs N	5780 5784 5810 5816 6 of Perf	5200 5290 No perfs No perfs 8 of Perfs	4936 4962 4968 5044 5046	104
Feet of Pay	* 11 \$1 10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	₩ 4 W W W O O O O O O O O O O O O O O O O	импининивны д	MONNAROUNNIAU B	6 g 0 0 0 0 0 0 0 0 9	5# 40000000 K		10
Zone	MESAVERDE MESAVERDE MESAVERDE MESAVERDE MESAVERDE MESAVERDE MESAVERDE MESAVERDE MESAVERDE MESAVERDE MESAVERDE MESAVERDE MESAVERDE MESAVERDE	MESAVERDE MESAVERDE MESAVERDE MESAVERDE MESAVERDE MESAVERDE MESAVERDE MESAVERDE MESAVERDE MESAVERDE MESAVERDE MESAVERDE	MESAVERDE MEAVERDE MESAVERDE	WASATCH WASATCH WASATCH WASATCH WASATCH WESAVERDE MESAVERDE MESAVERDE MESAVERDE MESAVERDE MESAVERDE MESAVERDE MESAVERDE MESAVERDE	WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH	WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH	WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH	Commence and Commence
Stage		N	7	4	50 10	95.40	Fe.	Ī

API Well No: 43047373260000

			FORM 9					
	. GR4 5							
	DEPARTMENT OF NATURAL RESOURCE DIVISION OF OIL, GAS, AND MIN		5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-38420					
SUNDF	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:							
	sals to drill new wells, significantly deepen Igged wells, or to drill horizontal laterals. U		7.UNIT or CA AGREEMENT NAME:					
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: BONANZA 1023-7G					
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONS	HORE, L.P.		9. API NUMBER: 43047373260000					
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th S	treet, Suite 600, Denver, CO, 80217 3779	PHONE NUMBER: 720 929-6587 Ext	9. FIELD and POOL or WILDCAT: NATURAL BUTTES					
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1941 FNL 2110 FEL			COUNTY: UINTAH					
QTR/QTR, SECTION, TOWNSHI	P, RANGE, MERIDIAN: Township: 10.0S Range: 23.0E Meridian:	S	STATE: UTAH					
11. CHE	CK APPROPRIATE BOXES TO INDICAT	E NATURE OF NOTICE, REPORT,	OR OTHER DATA					
TYPE OF SUBMISSION		TYPE OF ACTION						
	ACIDIZE	ALTER CASING	☐ CASING REPAIR					
NOTICE OF INTENT Approximate date work will start:	CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	CHANGE WELL NAME					
7/29/2009	CHANGE WELL STATUS	✓ COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE					
	Deepen	FRACTURE TREAT	□ NEW CONSTRUCTION					
SUBSEQUENT REPORT Date of Work Completion:	OPERATOR CHANGE	PLUG AND ABANDON	PLUG BACK					
SPUD REPORT	☐ PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	✓ RECOMPLETE DIFFERENT FORMATION					
Date of Spud:	☐ REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON					
	TUBING REPAIR	VENT OR FLARE	WATER DISPOSAL					
DRILLING REPORT Report Date:	WATER SHUTOFF	SI TA STATUS EXTENSION	APD EXTENSION					
·	☐ WILDCAT WELL DETERMINATION	OTHER	OTHER:					
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. THE OPERATOR REQUESTS AUTHORIZATION TO RECOMPLETION FOR THE SUBJECT WELL LOCATION. THE OPERATOR PROPOSES TO RECOMPLETE THE Accepted by the WASATCH AND MESAVERDE FORMATION. THE OPERATOR REQUESTS Utah Division of AUTHORIZATION TO COMMINGLE THE NEWLY WASATCH AND MESAVERDOIL, Gas and Mining ALONG, WITH THE EXISTING MESAVERDE FORMATION. PLEASE REFERENCE OF RECORD ONLY THE ATTACHED RECOMPLETION PROCEDURE.								
NAME (PLEASE PRINT) Sheila Upchego	PHONE NUMBER 435 781-7024	TITLE Regulatory Analyst						
SIGNATURE N/A		DATE 6/3/2009						



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Sundry Conditions of Approval Well Number 43047373260000

In accordance with Cause No. 179-12, commingling of the Wasatch and Mesaverde formations is allowed.

Acce**pted byethey the** Utah **তিন্দান তিন্দান্ত fon** of Oil, **Gai**s,a**নিব**চ্চানানাপ্ৰining

1)4/

By:_

Name: Bonanza 1023-7G
Location: SW NE Sec. 7 10S 23E

Uintah County, UT

Date:

02/19/09

ELEVATIONS:

5322 GL

5340 KB

TOTAL DEPTH:

8383

PBTD: 8338

SURFACE CASING:

9 5/8", 36# J-55 ST&C @ 2101'

PRODUCTION CASING:

4 1/2", 11.6#, I-80 LT&C @ 8383"

Marker Joint 4139-4159'

TUBULAR PROPERTIES:

	BURST	COLLAPSE	DRIFT DIA.	CAPACITIES	3
	(psi)	(psi)	(in.)	(bbl/ft)	(gal/ft)
2 3/8" 4.7# J-55 tbg	7,700	8,100	1.901"	0.00387	0.1624
4 ½" 11.6# I-80 (See above)	7780	6350	3.875"	0.0155	0.6528
2 3/8" by 4 ½" Annulus				0.0101	0.4227

TOPS:

1217' Green River

1455' Birdsnest

1809' Mahogany

4183' Wasatch

6298' Mesaverde

Estimated T.O.C. from CBL @3000

GENERAL:

- A minimum of 17 tanks (cleaned lined 500 bbl) of recycled water will be required. Note: Use biocide in tanks and the water needs to be at least 45°F at pump time.
- All perforation depths are from Halliburtons Induction-Density-Neutron log dated 03/26/08
- 7 fracturing stages required for coverage.
- Procedure calls for 8 CBP's (8000 psi).
- Calculate open perforations after each breakdown. If less than 60% of the perforations appear to be open, ball out with 15% HCl.
- Put scale inhibitor 3 gals/1000 gals (in pad and ½ the ramp) and 10 gals/1000 gals in all flushes except the final stage. Remember to pre-load the casing with scale inhibitor for the very first stage with 10 gpt.
- 30/50 mesh Ottawa sand, Slickwater frac.
- Maximum surface pressure 6200 psi.
- Flush volumes are the sum of slick water and acid used during displacement (include scale inhibitor as mentioned above). DO NOT OVERDISPLACE. Stage acid and scale inhibitor if necessary to cover the next perforated interval.
- Service companies need to provide surface/production annulus pop-offs to be set for 1500 psi for each frac.

- Pump resin coated sand last 5,000# of all frac stages
- Tubing Currently Landed @~7820
- Originally completed on 07/07/08

Existing Perforations:

Zone	From	То	SPF	# of Shots
Mesaverde	7178	7180	4	8
Mesaverde	7238	7240	4	8
Mesaverde	7276	7278	4	8
Mesaverde	7324	7328	4	16
Mesaverde	7420	7430	4	40
Mesaverde	7535	7540	4	20
Mesaverde	7580	7585	4	20
Mesaverde	7665	7669	4	16
Mesaverde	7706	7708	4	8
Mesaverde	7755	7759	4	16
Mesaverde	7840	7844	4	16
Mesaverde	7891	7897	4	24
Mesaverde	7978	7982	3	12
Mesaverde	8006	8008	3	6
Mesaverde	8041	8044	3	9
Mesaverde	8096	8100	3	12
Mesaverde	8202	8206	4	16
Mesaverde	8259	8265	4	24

PROCEDURE:

- MIRU. Control well with recycled water and biocide as required. ND WH, NU BOP's and test.
- 2. TOOH with 2-3/8", 4.7#, J-55 (or N-80) tubing (currently landed at ~7820'). Visually inspect for scale and consider replacing if needed.
- 3. If tbg looks ok consider running a gauge ring to 7110 (50' below proposed CBP). Otherwise P/U a mill and C/O to 7110 (50' below proposed CBP).
- 4. Set 8000 psi CBP at ~ 7060'. Pressure test BOP and casing to 6000 psi. .
- 5. Perf the following with 3-3/8" gun, 23 gm, 0.36"hole:

Zone	From	To	spf	# of shots
MESAVERDE	6976	6978	4	8
MESAVERDE	6992	6996	4	16
MESAVERDE	7026	7030	4	16

- 6. Breakdown perfs and establish injection rate (<u>include scale inhibitor in fluid</u>). Spot 250 gals of 15% HCL and let soak 5-10 min. Fracture as outlined in Stage 1 on attached listing. Under-displace to ~6930' and trickle 250gal 15%HCL w/ scale inhibitor in flush. Note tight spacing between stages 1 & 2.
- 7. Set 8000 psi CBP at ~6920'. Perf the following 3-3/8" gun, 23 gm, 0.36"hole:

Zone	From	То	spf	# of shots
MESAVERDE	6774	6776	4	8
MESAVERDE	6806	6808	4	8
MESAVERDE	6856	6860	4	16
MESAVERDE	6888	6890	4	8

- 8. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 2 on attached listing. Under-displace to ~6724' and trickle 250gal 15%HCL w/ scale inhibitor in flush.
- 9. Set 8000 psi CBP at ~6698'. Perf the following with 3-3/8" gun, 23 gm, 0.36" hole:

```
# of shots
Zone
            From
                    To
                         spf
                   6472
                                16
MESAVERDE 6468
                         4
MESAVERDE 6534
                   6536
                         4
                                8
                         4
                                16
MESAVERDE 6614
                   6618
MESAVERDE 6666
                   6668
                                8
```

- Breakdown perfs and establish injection rate. Fracture as outlined in Stage 3 on attached listing. Under-displace to ~6420' trickle 250gal 15%HCL w/ scale inhibitor in flush. Note tight spacing between stages 3 & 4.
- 11. Set 8000 psi CBP at ~6410'. Perf the following with 3-3/8" gun, 23 gm, 0.36" hole:

```
# of shots
Zone
            From
                    To
                         spf
WASATCH
                                4
             6167
                   6168
                          4
                                8
WASATCH
             6230
                   6232
                          4
             6304
                   6308
                          4
                                16
WASATCH
WASATCH
             6324
                   6326
                          4
                                8
                                8
WASATCH
             6378
                   6380
```

- 12. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 4 on attached listing. Under-displace to ~6117' and trickle 250gal 15%HCL w/ scale inhibitor in flush.
- 13. Set 8000 psi CBP at ~5946'. Perf the following with 3-3/8" gun, 23 gm, 0.36" hole:

```
Zone From To spf # of shots
WASATCH 5780 5784 4 16
WASATCH 5910 5916 4 24
```

- 14. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 5 on attached listing. Under-displace to ~5730' and trickle 250gal 15%HCL w/ scale inhibitor in flush.
- 15. Set 8000 psi CBP at ~5326'. Perf the following with 3-3/8" gun, 23 gm, 0.36" hole:

 Zone From To spf # of shots

WASATCH	5200	5204	4	16
WASATCH	5290	5296	4	24

- 16. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 6 on attached listing. Under-displace to ~5150' and trickle 250gal 15%HCL w/ scale inhibitor in flush.
- 17. Set 8000 psi CBP at ~5076'. Perf the following 3-3/8" gun, 23 gm, 0.36" hole:

Zone	From	То	spf	# of shots
WASATCH	4836	4838	4	8
WASATCH	4962	4968	4	24
WASATCH	5044	5046	4	8

- 18. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 7 on attached listing. Under-displace to ~4786' and flush only with recycled water.
- 19. Set 8000 psi CBP at~4786'.
- 20. TIH with 3 7/8" mill, pump-off sub, SN and tubing.
- 21. Mill plugs and clean out to PBTD. Land tubing at ± 7820 ' and pump off bit unless indicated otherwise by the well's behavior. This well will be commingled at this time.
- 22. RDMO
- 23. Clean out well with foam and/or swabbing unit until steady flow has been established from recomplete.

For design questions, please call Sarah Schaftenaar, Denver, CO (303)-895-5883 (Cell) (720)-929-6605 (Office)

For field implementation questions, please call Robert Miller, Vernal, UT 4350781 7041 (Office)

NOTES:

RECEIVED June 03, 2009

	Zone	Feet of Pay	P Top, ft	erfs Bo	t,R	SPF	Holes	Rate BPM	Fluid Type	Initial PPg	Final PPg	Fluid	Volume gals	Cum Vol gals	Volume BBLs	Cum Vol BBLs	fluid % of frac	Sand Notified	Sand	Cum, Sand lbs	Footage from CBP to Flush	Scal Inhib gal
ME ME ME ME ME	SAVERDE SAVERDE SAVERDE SAVERDE SAVERDE SAVERDE SAVERDE SAVERDE SAVERDE SAVERDE SAVERDE SAVERDE	4 2 13 2 13 0 0 0 0				4 4 4	6 16 16	0 50 50 50 50 50 50	Pump-in test ISIP and 5 min ISIP Stickwater Pad Stickwater Pamp SW Sweep Stickwater Pamp SW Sweep Stickwater Pamp Stickwater Ramp Flush (4-1/2") ISIP and 5 min ISIP	0.25 0 1 0 05 15	15 0 15	Stickwater Stickwater Stickwater Stickwater Stickwater Stickwater Stickwater Stickwater	8,400 15,867 0 15,867 0 0 15,867 4,524	8,400 24,267 24,267 40,133 40,133 40,133 56,000 60,524 60,524	200 378 0 378 0 0 378 108	0 200 578 578 956 956 956 1,333 1,441	15 0% 20 3% 26 3%	0.0% 17.2% 0.0% 34.5% 0.0% 46.3%	9,917 0 19,833 0 0 27,767	0 9,917 9,917 29,750 29,750 29,750 57,517 57,517	lbs sand N	45 26 24 0 24 0 0 0 0 45
445	SAVERDE	32	677		f Perfs/	stage	40		<< Above pump time Pump in test	(mun)		Slickwater		0	F1	ush depth	6930	ya. n	BP depth		10	
ME ME ME ME ME	SAVERDE SAVERDE SAVERDE SAVERDE SAVERDE SAVERDE SAVERDE SAVERDE SAVERDE SAVERDE SAVERDE SAVERDE SAVERDE	4 3 5 2 0 0 0 0	680 685 688	6	6808 6860 6890	4 4	8 16 8	0 50 50 50 50 50 50	ISIP and 5 mm ISIP Stickwater Pad Stickwater Ramp SW Sweep Stickwater Ramp SW Sweep Stickwater Ramp Stickwater Ramp	0 25 0 1 0 0 5 1 5	15 0 15	Slichwater Slichwater Slichwater Slichwater Slichwater Slichwater	3,255 6,143 0 6,143 0 0 6,148 4,389	3,255 9,403 9,403 15,562 15,552 15,552 21,700 26,089	78 146 0 145 0 0 0 146 105	78 224 224 370 370 370 517 621	15.0% 28.3% 26.3% 26.3%	0.0% 0.0% 48.3%	0 3,843 0 7,685 0 0 10,760	3,843 11,528 11,528 11,528 22,288 22,288		10 (
		16		# 0	d Perfs	stage	40	103	<< Above pump time	(min)					F	lush depth	6724	gal ft	1,400 CBP depth		lbs sand.ft 76	
ME ME ME ME ME ME ME	SAVERDE SAVERDE SAVERDE SAVERDE SAVERDE SAVERDE SAVERDE SAVERDE SAVERDE SAVERDE SAVERDE SAVERDE	2 2 5 5 2 2 3 3 7 5	653 661 666	A A A A A A A A A A A A A A A A A A A	perfu perfu perfu perfu perfu perfu	4 4 4	16 8 16 8	Vaned 50 50 50 50 50 50 50	Sex Above gump time Pumpen test SIP SIP and 5 mm ISIP SIR water Part SIP Switch Sirchwater Ramp SW Sweep Sirchwater Ramp Six Water Sirchwater Ramp Flush (4 1/2") ISOP and 6 min ISDI	0.25 0 1 0 0.5 1.5	15	Slickwater Slickwater Slickwater Slickwater Slickwater Slickwater Slickwater Slickwater	10,369 19,585 0 19,585 5,250 3,000 19,585 4,191	29,954 29,954 49,540 54,790	0 247 466 0 466 125 71 466 100	247 713 713 1,180 1,305 1,376 1,771 1,871	15.0% 28.3% 28.3%	16.5% 0.0% 39.1% 0.0% 41.% 46.3%	24,482 0 3,600 34,274 1,750	12,241 36,723 36,723 36,723 39,723 73,997 73,997	lhs sand/fi	3 2 (2 (((4
	ASATCH	40			6168	stage	48	35.4	<< Above pump time Pump-in test	(min)		Shokwater		0	F	lush depth		Marie Control	CBP depth	6,410	10	
W/A W/A W/A ME ME ME ME	ASATCH ASATCH ASATCH ASATCH ASATCH ASATCH ESAVERDE ESAVERDE ESAVERDE ESAVERDE ESAVERDE ESAVERDE		625 636 637	IO IA IA No I No I No I No I	6232 6308 6306 6300 perfs perfs perfs perfs perfs	4 4	8 16 8	50 50 50 50 50 50 50 50	ISSP and 5 mm ISSP 2 Stekwater Pad 3 Stekwater Ramp SW Sweep 3 Stekwater Ramp 3 Stekwater Ramp 3 Stekwater Ramp 5 Stekwater Ramp 1 Stekwater Ramp	0.25 0 1 0 0.5 1.5	15	Sickwater 1 Sickwater 2 Sickwater 5 Sickwater 3 Sickwater 5 Sickwater 2 Sickwater	7,125 13,458 0 13,458 0 0 13,458 3,993	7,125 20,583 20,583 34,042 34,042 34,042 47,500	170 320 0 320 0 0 0 0 320 95	170 490 490 811 811 811 1,131 1,226	15.0% 26.3% 26.3%	0 0% 0 0% 34 5% 0 0%	8,411 (6,82) (6,82) (6,82) (73,55)	8 411 8 25,234 9 25,234 0 25,234		2 2 2 1
ME	ESAVERDE	30			perfs of Perfs	/stage	41								F	lush depth	6117	galfi	1,260 CBP depth		lbs sand II 1/1	
900 900 900 900 900 900 900 900	ASATCH ASATCH ASATCH ASATCH ASATCH ASATCH ASATCH ASATCH ASATCH ASATCH ASATCH	30 0 0 0 0 0 0	591	-	5784 5916	4 4	18 24	5 5 5 5 5 5 5 5 5	scc Above pump time Pump in test 3 ISIP and 5 min ISIP 3 Stickwater Paid 3 Stickwater Paid 9 Stickwater Ramp 9 Stickwater Ramp 1 Stickwater Ramp 9 Stickwater Ramp 0 Stickwater Ramp 0 Stickwater Ramp 0 Flush (4-1/2*) SOP and 5 min ISID	0 25 0 1 0 0.5	1 15	Stickwater Stickwater 1 Stickwater 5 Stickwater 5 Stickwater 5 Stickwater 5 Stickwater 5 Stickwater 2 Stickwater	3,150 5,950 5,950 (5,950 (5,950 3,741	9,100 9,100 15,050 15,050 15,050 21,000	142 89	75 217 217 258 258 258	15 09 26 39 20 30	6 17.2% 6.0% 6.34.5% 6.0%	10,41	3,716 11,156 11,156 11,156 21,566 21,566	9 6 6	
	an execu-	3		# 1	of Perfs	/stage	41	10.0	I I was makene	e (min)		Sirkwater				lush depth	5730		CBP depti	5,326	464	i
33333333	ASATCH ASATCH ASATCH ASATCH ASATCH ASATCH ASATCH ASATCH ASATCH ASATCH ASATCH ASATCH		3 52 i i i		5204 5296 perls		24	6 5 5 5 5 5	O Sinchwater Ramp O Flush (4-1/2*) ISOP and 5 min ISO	0.5	1 1	Sukwater 1 Stekwater 0 Stekwater 5 Stekwater 0 Stekwater 5 Stekwater 2 Stekwater	3.54/ 6.70/ 6.70 6.70 0.70	1 10,246 0 10,246 1 16,946 0 16,949 0 16,949 1 23,650	84 160 161 161 161 181	244 244 404 0 404 0 404 0 563	20 30 20 30 20 30 20 30	6 17.2% 8 0.0% 6 34.53 6 0.0% 6 48.3%	4.18 8.37 11.72	0 4,10 6 12,56 9 12,56 0 12,56 6 24,29 24,29 0 1,13	8 4 4 4 1	
		2			of Perf	s/stage	4	11.3				Eu. 1				lush depth	1	1	CBP dept	6,076	74	
3333333333	VASATCH		2 48 5 49 3 50 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	62 44	4838 4968 5046	,		6 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	I Pump in test USP and 5 men ISP USP and 5 men ISP USP and 5 men ISP USP Sindwater Paid USP Sindwater Ramp SIM Sweep USP Sindwater Ramp USP Sindwater Ramp USP Sindwater Ramp USP Sindwater Ramp USP and 5 men ISP	0.2	0 1 1 0 5 1	Sickwater 1 Sickwater 0 Sickwater 5 Sickwater 0 Sickwater 5 Sickwater 2 Sickwater	3.42 6.46 6.46 6.46 3.13	0 9,880 0 9,880 0 16,340 0 16,340 0 16,340 0 22,800	15 15 15 15 15 15 15 15 15 15 15 15 15 1	1 8 234 0 234 1 339 1 389 1 54 4 61	1 15.00 5 20 m 5 9 20 m 1	% 17.29 0.03 % 34.59 0.03 0.03 48.39	403 6 8,07 6 11,30 8 2,40	0 4,03 5 12,11 0 12,11 0 12,11 0 23,41 23,41 0 2,46	8 3 3 4 8 8 8 5 lbs sand fr	
	-1-1-		0		of Perf	s/stage	100	10.9					Total Fluid	290 36	1	Flush depti			CBP dept	H CHICAGO	6	LOC
T	otals	19	1				29		2				Total Fluid		gals bbls		B tanks		otal San	30000000	al Scale Inhib.	

Bonanza 1023-7G Perforation and CBP Summary

		Perfo	orations					
tage	Zones	Top, ft	Bottom, ft	SPF	Holes	Fract	je	
			6070		0	6076	to	6980
1	MESAVERDE	6976	6978	4	16	6976 6986.5	to	6988
	MESAVERDE	6992	6996 7030	4	16	6991	to	7003.5
	MESAVERDE	7026		4	16	7004.5	to	7005.5
	MESAVERDE		No perfs			7019	to	7031.5
	MESAVERDE		No perfs			7019	10	7031.3
	# of Perfs/stage				40	CBP DEPTH	6,920	
	MEGAVERDE	0774	6776	4	8	6738	to	6740.5
4	MESAVERDE	6774	6808	4	8	6773.5	to	6777.5
	MESAVERDE	6806		4	16	6806	to	6808.5
	MESAVERDE	6856	6860	4	8	6856.5	to	6861.5
	MESAVERDE	6888	6890	4	- 6			6890
	MESAVERDE		No perfs			6888.5	to	0090
	# of Perfs/stage	- Telephone			40	CBP DEPTH	6,698	
							-	LA ROLL
3	MESAVERDE	6468	6472	4	16	6431.5	to	6433
	MESAVERDE	6534	6536	4	8	6453	to	6454.5
	MESAVERDE	6614	6618	4	16	6467.5	to	6472
	MESAVERDE	6666	6668	4	8	6480	to	6482
	MESAVERDE		No perfs			6529	to	6530.5
	MESAVERDE		No perfs			6532.5	to	6535
	MESAVERDE		No perfs			6537	to	6538.5
						6539.5	to	6542.5
	MESAVERDE		No perfs			6612	to	6619
	MESAVERDE		No perfs					
	MESAVERDE		No perfs			6620.5	to	6629
	MESAVERDE		No perfs			6665	to	6668
	MESAVERDE		No perfs			6669	to	6672
	# of Perfs/stage				48	CBP DEPTH	6,410	
-	4 WASATCH	6167	6168	4	4	6152.5	to	6154
	WASATCH	6230	6232	4	8	6161.5	to	6163
	WASATCH	6304	6308	4	16	6165.5	to	6167.5
	WASATCH	6324	6326	4	8	6220	to	6222
	WASATCH	6378		4	8	6230	to	6233.5
	WASATCH	00.0	No perfs			6236	to	6239.5
	MESAVERDE		No perfs			6301.5	to	6310.5
			The same of the sa			6324.5	to	6326.5
	MESAVERDE		No perfs			6329.5	to	6332.5
	MESAVERDE		No perfs				-	
	MESAVERDE		No perfs			6352	to	6354
	MESAVERDE		No perfs			6374.5	to	6376
	MESAVERDE		No perfs			6377.5	to	6381.5
	MESAVERDE		No perfs			6383	to	6385.6
	# of Perfs/stage				44	CBP DEPTH	5,946	
			275.1		1.0	5778	te	5787
	5 WASATCH	5780		4	16 24	5892	to to	5767
	WASATCH	5910	5916	4	24	3692	10	3310
	# of Perfs/stage				40	CBP DEPTH	5,326	
-	6 WASATCH	5200			16	5198	to	5208
	WASATCH	5290	5296	4	24	5290	to	529
	WASATCH		No perfs			5302.5	to	530
	# of Perfs/stage				40	CBP DEPTH	5,076	
M								
	7 WASATCH	4836			8	4835.5	to	4837.
	WASATCH	4962	4968	4	24	4962	to	496
	WASATCH	5044	5046	4	8	5043.5	to	504
	# -45				40	CBP DEPTH	4,786	W = 115
	# of Perfs/stage				40	CBF DEF IH	4,700	
	Totals				292			
_								

Scale Inhib., gal.	2 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	500000046	29 29 29 47 132 132	10000000000000000000000000000000000000	00000000000000000000000000000000000000	1100000088	55050000 8 A	
Footage from CBP to Flush	Thomas 201	lbs sandft 26	lbs sandrift	ts sand/f	lbs sand/it 404	lbs sandff 24	lbs sand/ft 0	摄
Cum. Sand	9 9 4 7 9 9 1 7 29 750 29 750 29 750 57 517 57 517 6,920	3 843 3 843 11 528 11 528 11 52 288 22 288 22 288 1,438	12.241 12.241 36.723 36.723 38.723 39.72 73.987 73.987 1,873	8 411 8 411 8 411 25 234 25 234 48 786 48 786 48,786	3,719 3,719 11,156 11,156 21,569 21,569 21,569 21,569 21,569 21,569	4 188 4 188 12 564 12 564 12 564 24 291 24 291 24 291 5,076	4,038 4,038 12,113 12,113 12,113 23,418 23,418 4,786	
Sand	9 9 9 17 19 8 3 3 0 27 767 CBP depth	3843 7.685 0 10.760 1.400 CBP depth	12.241 24.482 3.000 34.274 1,750 CBP depth	8 411 16 823 0 0 23 552 1,260 CBP depth	3,719 7,438 7,438 10,413 600 CBP depth	4.186 8.376 8.376 11,726 CBP depth	4.038 8.075 8.075 11.305 CBP depth	
Sand % of frac	000% 000% 000% 000% 000%	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0.0% 16.5% 0.0% 11% 41% 46.3%	200% 00% 00% 00% 00% 00% 48.3%	0 0% 17 2% 0 0% 0 0% 0 0% 48 3%	00% 17.2% 00% 34.5% 00% 00% 46.3% 46.3%	0 0 0 % 2 % 2 % 2 % 2 % 2 % 2 % 2 % 2 %	
Fluid % of frac	28.3% 28.3% 28.3% 6930	15 0% 28 3% 28 3% 28 3% 6724	15 0% 28 3% 28 3% 28 3% 6420	15 0% 28 3% 28 3% 28 3% 6117	15 0% 28 3% 28 3% 28 3% 5730	15.0% 28.3% 28.3% 28.3% 5150	15 DN 28 3N 28 3N 28 3N 4786	- 886
Cum Vol BBLs	20 57 57 95 95 1.35 1.44 ush dept	78 224 224 370 370 370 5517 621	247 713 713 1.180 1.376 1.777 1.871	170 490 490 811 811 1,131 1,226	b de	84 244 244 404 404 404 563 643 1ush depth	81 235 235 389 389 543 617 617	ndan isol
Volume	378 378 378 378 108	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 468 0 468 173 173 170 170 170 170	320 320 320 320 320 320 320		K	0 #4040044	
Cum Vol	8 400 24 267 24 267 40 133 40 133 60 524 60 524	3,255 9,403 9,403 15,552 15,552 15,552 26,089 26,089	0 29,954 29,954 29,954 29,854 54,790 57,790 74,375 78,566	7 125 20 583 20 583 34,042 34,	3.150 9.100 9.100 15.050 15.050 22.7741 24.741	3 548 10 248 10 248 16 949 16 949 23 650 27 012	3.420 9.880 9.880 16.340 16.340 16.340 22.800 25.924	State of the last
Volume	8 400 15 867 15 867 0 0 0 15 867 4 524	255 6 6 6 7 1 8 7 1 8 7 1 8 7 1 8 8 1 8 9	10.369 19.585 18.585 5.250 13.000 19.585 4.191	7 125 13 458 13 458 0 0 0 13 458 3 993	3.150 5.950 5.950 5.950 0 0 5.950 3.741	3.548 6.701 6.701 6.701 3.362	3.420 6.460 6.460 6.460 6.460 3.124	07
Fluid	Sie kwarter Sie kwarter Sie kwarter Sie kwarter Sie kwarter Sie kwater Sie kwater	She kwater She kwater She kwater She kwater She kwater She kwater She kwater	Stekwater Stekwater Stekwater Stekwater Stekwater Stekwater Stekwater	Stechnature Stechnature Stechnature Stechnature Stechnature Stechnature Stechnature Stechnature	Stickwater Stickwater Stickwater Stickwater Stickwater Stickwater	Sickwater Sickwater Sickwater Sickwater Sickwater Sickwater	Sictorater Sictorater Sictorater Sictorater Sictorater Sictorater Sictorater Sictorater	Section 1
Final	10000	-0002	-02022	105052	1055	-05052	-05054	100
Initial	025	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 1 1 5 1 1 5 1	0 0 2 5 0 0 5 1 1 1 5 1 1 1 5 1	1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
Fluid	Purroin test ISIP and 5 mm ISIP Stokewater Ramp SW Sweep SW Sweep SW Sweep SW Sweep SI Stokewater Ramp SW Sweep SI Stokewater Ramp SI Stokewater R	Cabone gamp time Survey and 5 min 181P Survey Survey Survey Sur	Acceptant through the purpose of the	Actions press that the state of	cc Above pump time (and pump time) (all and a more pad (all and a	Purmen test Sign and 5 min issip Sign Sign and 5 min issip Sign Sign Sign Sign Sign Sign Sign Sign	Purro-in test ISIP and 5 min ISIP Schwater Pad Schwater Pad Schwater Pamp SW Sweep SW Sweep SW Sweep Skickwater Ramp Skickwater Ramp Skickwater Ramp Skickwater Ramp ISICkwater Ramp ISICkwate	THE PERSON NAMED IN
Rate		Vaned 0 50 50 50 50 50 50 50 50 50 50 50 50 5	Varied Varied 50 50 50 50 50 50 50 50 50 50 50 50 50	√ 2	20 00 00 00 00 00 00 00 00 00 00 00 00 0	Varied Puring Pu	Varied Pumm 50 Shoke 50	901
Holes	e	8 8 9 9 9	B n n n o si	4 0 0 0 0 2 3	= 2 = 2	24 24	8 2 6	9
SPF	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 4 4 4 e	A A A A A	12/2 a a a a a a a a a a a a a a a a a a	fu'stage	fartage	0 0 0 0	TS/Stely-
Perfs Top, ft. Bot., ft	256 22 68 23 68 20 60 60 60 60 60 60 60 60 60 60 60 60 60	6774 6776 6806 6808 6856 6800 6858 6890 No perft.	6465 6472 6534 6536 6514 6556 No perth No perth	6167 6230 6232 6234 6236 6324 6326 6324 6326 6327 69945 No perfs No perfs N	5780 5784 5810 5816 6 of Perf	5200 5290 No perfs No perfs 8 of Perfs	4936 4962 4968 5044 5046	104
Feet of Pay	* 11 \$1 10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	₩ 4 W W W O O O O O O O O O O O O O O O O	импининивны д	MONNAROUNNIAU B	6 g 0 0 0 0 0 0 0 0 9	5# 40000000 K		10
Zone	MESAVERDE MESAVERDE MESAVERDE MESAVERDE MESAVERDE MESAVERDE MESAVERDE MESAVERDE MESAVERDE MESAVERDE MESAVERDE MESAVERDE MESAVERDE MESAVERDE	MESAVERDE MESAVERDE MESAVERDE MESAVERDE MESAVERDE MESAVERDE MESAVERDE MESAVERDE MESAVERDE MESAVERDE MESAVERDE	MESAVERDE MEAVERDE MESAVERDE	WASATCH WASATCH WASATCH WASATCH WASATCH WESAVERGE MESAVERGE MESAVERGE MESAVERGE MESAVERGE MESAVERGE MESAVERGE MESAVERGE MESAVERGE MESAVERGE	WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH	WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH	WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH WASATCH	Commence of the last
Stage		N	7	4	50 10	95.40	Fe.	Ī

	STATE OF UTAH		FORM 9
	DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINI	NG	5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-38420
SUNDF	RY NOTICES AND REPORTS O	N WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
Do not use this form for propos bottom-hole depth, reenter plu DRILL form for such proposals.		7.UNIT or CA AGREEMENT NAME:	
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: BONANZA 1023-7G
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSI	HORE, L.P.		9. API NUMBER: 43047373260000
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th S	treet, Suite 600, Denver, CO, 80217 3779	PHONE NUMBER: 720 929-6007 Ext	9. FIELD and POOL or WILDCAT: NATURAL BUTTES
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1941 FNL 2110 FEL			COUNTY: UINTAH
QTR/QTR, SECTION, TOWNSHI Qtr/Qtr: SWNE Section: 07	P, RANGE, MERIDIAN: Township: 10.0S Range: 23.0E Meridian: S		STATE: UTAH
11. CHE	CK APPROPRIATE BOXES TO INDICATE	NATURE OF NOTICE, REPORT,	OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
THE OPERATOR HA WELL LOCATION. TH AND MESAVERDE WASATCH AND ME MESAVERDE FORMAT LOCATION ON PRODU	CHANGE TO PREVIOUS PLANS CHANGE WELL STATUS DEEPEN OPERATOR CHANGE PRODUCTION START OR RESUME REPERFORATE CURRENT FORMATION TUBING REPAIR WATER SHUTOFF WILDCAT WELL DETERMINATION MPLETED OPERATIONS. Clearly show all pertin S PERFORMED THE RECOMPLETED FORMATIONS, AND HAS COMPLETED FORMATIONS, AND HAS COMPSAVERDE FORMATIONS, ALONG TION. THE OPERATOR HAS PLACE JUSTION ON 09/20/2009 AT 1:00 D RECOMPLETION CHRONOLOGY.	TION ON THE SUBJECT THE NEWLY WASATCH A INGLED THE NEWLY WITH THE EXISTINGOIL CED THE SUBJECT TO P.M. PLEASE REFER TO	Iccepted by the Itah Division of , Gas and Mining
NAME (PLEASE PRINT)	PHONE NUMBER	TITLE	
Andy Lytle	720 929-6100	Regulatory Analyst	
SIGNATURE N/A		DATE 9/21/2009	

US ROCKIES REGION

Operation Summary Report

Spud Conductor: 3/28/2008 Spud Date: 4/3/2008 Well: BONANZA 1023-7G Project: UTAH-UINTAH Site: BONANZA 1023-7G Rig Name No: MILES-GRAY 1/1 Event: RECOMPL/RESEREVEADD Start Date: 9/10/2009 End Date: 9/18/2009

.evel)	RKB @5,340.01ft (above ivicali	OGa	J 441. D	ONANZ	1020-1		
Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
9/10/2009	7:00 - 7:15	0.25	COMP	48		Р		JSA-SAFETY MEETING #1, DAY 1
	7:15 - 10:00	2.75	COMP	30	Α	Р		ROAD RIG FROM BONANXA 1023-5H TO LOC, R/I SERVICE UNIT,
	10:00 - 15:00	5.00	COMP	31	l	P		BLOWED WELL DN TO TK, PUMP 40 BBL WTR DN WELL KILLING WELL, N/D WH, N/U BOPS AND TBG EQUIP. TOOH W/ 2 3/8" TBG TALLY TBG OU 242 JTS J-55 TBG, N/D BOPS, N/U FRAC VALVE, SHUT WELL IN SDFN.
9/11/2009	7:00 - 7:15	0.25	COMP	48		Р		JSA-SAFETY MEETING #2, DAY 2
	7:15 - 15:00	7.75	COMP	34	l	P		500 # ON WELL, BLOWED DN TO TK, R/U CASED HOLE WIRELINE, RIH W/ GAUGE RING TO 7130', RIH W/ HALLIBURTON 10K CBP, SET CBP @ 7070', FILL CSG W/ WTR. R/U B&C QUICK TEST, PRESSURE TEST CSG AND CBP TO 6200# FOR 15 MIN, OK, R/D TESTEF (STG #1 PERF) RIH W/ 3 3/8" PERF GUNS ANDPERF THE MESA VERDE @ 7026' - 7030, 6992' - 6996' AND 6976' - 6978', 4-SPF, USING 3 3/8" EXP GUNS, 23 GM, 0.36 HOLE, 90* PHS, 40 HOLES, SHUT WELL IN READY TO FRAC ON 9-14-09, SDFWE
9/14/2009	6:45 - 7:00	0.25	COMP	48		P		JSA-SAFETY MEETING #3, DAY 3, HELD W/ FRAC AND WIRELINE CREW

9/21/2009 1:03:20PM

US ROCKIES REGION

Operation Summary Report

Well: BONANZA 1023-7G Spud Conductor: 3/28/2008 Spud Date: 4/3/2008

Project: UTAH-UINTAH Site: BONANZA 1023-7G Rig Name No: MILES-GRAY 1/1

Event: RECOMPL/RESEREVEADD Start Date: 9/10/2009 End Date: 9/18/2009

Active Datum: RKB @5,340.01ft (above Mean Sea

Level)

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
	7:00 - 16:30	9.50	COMP	36	E	Р		R/U SCHLUMBERGER FRAC TO FRAC

UWI: BONANZA 1023-7G

R/U SCHLUMBERGER FRAC TO FRAC VALVE, PRESSURE TEST SURFACE LINE TO 7200#,

(STG # 1) WHP = 72#, BRK DN PERF @ 2850# @ 5 B/M, INJ-RT = 51 B/M, INJ-P = 4000#, ISIP = 1300#, F.G. = 0.62, PUMP 3 BBLS 15% HCL AHEAD OF INJ, CALC 72% PERF OPEN, PUMP 702 BBLS SLK WTR, 20864# OTTAWA SAND, ISIP = 1800#, F.G.= 0.69, NPI = , MP= 5223#, MR = 51.5 B/M, AP = 3272#, AR = 49.9 B/M, 15864# 30/50 OTTAWA SAND,

AR = 49.9 B/M, 15864# 30/50 OTTAWA SAND, 5000# TLC SAND, 81 GALS CLAYTREAT J583, 14 GALS FRW B-400, 116 GALS NALCO SCALE INHIB, 14 GALS NALCO BIOCID,

(STG # 2) RIH W/ HALLIBURTON 8K CBP & PERF GUNS, SET CBP @ 6920', PERF THE MESA VERDE @

6888'- 6890', 656' -6860', 6806' - 6808', 6774'-6776', 4-SPF, USING 3 3/8" EXP GUNS, 23 GM, 0.36 HOLE, 90* PHS, 40 HOLES, WHP = 265 # BRK DN PERF @ 2927# @ 5 B/M, INJ-RT = 51.3 B/M, INJ -P = 4660 #, ISIP = 2050 #, F.G.= 0.73, CALC 69% PERF OPEN, PUMP 564 BBLS SLK WTR & 20226 # OTTAWA SAND, ISIP = 2200#, F.G.= 0.75, NPI = 150,MP = 4827#, MR = 51.5 B/M, AP = 3710#, AR = 41.5 B/M, 15226# 30/50 OTTAWA SAND, 5000# TLC SD. 58 GALS CLAYTREST J583, 13 GALS FRW-B 400, 70 GALS NALCO SCALE INHIB, 17 GALS NALCO BIOCID, LOST ONE PUMP ON FLUSH.

(STG #3) RIH W/ HALLIBURTON 8K CBP & PERF GUNS, SET CBP @ 6698', PERF THE MESA VERDE @ 6668'-6668', 6614'-6618', 6534'-6536', 6468'-6472', USING 3 3 /8" EXP GUNS, 23GM, 0.36 HOLE 90* PHS, 4-SPF, 48 HOLES, WHP = 635# BRK DN PERF @ 2652# @ 5 B/N, INJ-RT = 51 B/M, INJ-P = 4115#, ISIP = 1375#, F.G.= 0.64, CALC 82% PERF OPEN, PUMP 3280 BBLS SLK WTR & 140309# OTTAWA SAND, ISIP = 2150#, F.G = 0.76, NPI = 775, MP = 4304#, MR = 55.6 B/M, AP = 3134#, AR = 47.7 B/M,135309# 30/50 OTTAWA SAND, 5000# TLC SD, 345 GALS CLAYTREAT J583, 68 GALS FRW-B 400, 193 GALS NALCO SCALE INHIB, 58 GALS NALCO BIOCID

(STG #4) RIH W/ HALLIBURTON 8K CBP & PERF GUNS, SET CBP @ 6410', PERF THE WASATCH @ 6378'-6380', 6324'-6326', 6304'-6308', 6230'-6232', 6167'-6168', USING 3 3/8" EXP GUNS, 23GM, 0.36 HOLE, 90* PHS, 4-SPF, 44 HOLES, WHP = 1503# BRK DN PERF @ 1783# @ 5 B/M, INJ-RT = 51.5 B/M, INJ-P = 3776#, ISIP = 1497#, F.G.= 0.67, CALC 70% PERF OPEN, PUMP 2564 BBLS SLK WTR & 108276# OTTAWA SAND, ISIP = 2050#, F.G.= 0.76, NPI = 553, MP = 4622#, MR = 51.4 B/M, AP = 3171#, AR = 49.2 B/M, 103276# 30/50 OTTAWA SAND, 5000# TLC SD, 264 GALS CLAYTREAT J583, 54 GALS FRW-B 400, 165 GALS NALCO SCALE INHIB, 44 GALS NALCO BIOCID,

(STG #5) RIH W/ HALLIBURTON 8K CBP & PERF GUNS, SET CBP @ 5946', PERF THE WASATCH @ 5910'-5916', 5780'-5784', USING 3 3/8"EXP GUNS.

3

US ROCKIES REGION

Mell: RONANZ	ZA 1023-7G		Spud C	onductor	: 3/28/20	800	Spud Date: 4	/3/2008
Project: UTAH	-UINTAH		Site: BC	NANZA	1023-70	}		Rig Name No: MILES-GRAY 1/1
Event: RECO	MPL/RESEREVEA	DD	Start Da	ate: 9/10/	2009			End Date: 9/18/2009
Active Datum: _evel)	RKB @5,340.01ft ((above Mean	Sea	UWI: B	ONANZ	A 1023-7	G	
Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
	VIGITALITY							23 GM, 90* PHS, 4-SPF, 40 HOLES, WHP = 519#, BRK DN PERF @ 2196# @ 5 B/M, INJ-RT = 51 B/M, INJ-P = 3450#, ISIP = 975#, F.G.= 0.60, CALC 78% PERF OPEN, PUMP 1331 BBLS SLK WTR, & 60864# OTTAWA SAND, ISIP = 1700#, F.G.= 0.72, NPI = 725, MP = 3955#, MR = 51.4 B/M, AP = 2737# AR = 47.5 B/M, 55864# 30/50 OTTAWA SAND, 5000# TLC SAND, 135 GALS CLAYTREAT, 28 GALS FRW-B 400, 140 GALS NALCO SCALE INHIB 27 GALS NALCO BIOCID, (STG #6) RIH W/ HALLIBURTON 8K CBP AND PERF GUNS, SET CBP @ 5326', PERF THE WASATCH @ 5290'-5296', 5200'-5204', USING 3 3/8" EXP GUNS, 23 GM, 0.36 HOLE 90* PHS, 4-SPF, 40 HOLES, BRK DN PERF @ 2214# @ 5 B/M, INJ-RT = 51 B/M, INJ-P = 3050#, ISIP = 1000#, F.G.= 0.62, CALC 90% PERF OPEN, PUMP 674 BBLS SLK WTR & 32892# OTTAWA SAND, ISIP = 1750#, F.G.= 0.76, NPI = 750, MP = 3682# MR = 51.5 B/M, AP = 2663#, AR = 45.5 B/M, 27892# 30/50 OTTAWA SAND, 5000# TLC SD., 74 GALS CLAYTREAT J583, 14 GALS FRW-B 400, 81 GALS NALCO SCALE INHIB, 11 GALS NALCO BIOCID. (STG #7) RIH W/ HALLIBURTON 8K CBP & PERF GUNS, RIH @ 250 TO 300 FT / MIN, PLUG SET DN @ 2482', WORK TRY TO MOVE PLUG UP HOLE OR DN, TOOLS WOULD NOT MOVE, HAD SCHLUMBERGER PUMP DN CSG W/ PUMP BY
								PLUG @ 1.3 B/M @ 1480#, TOOLS STILL WOULD NOT MOVE, SET CBP @ 2482' W/ SETTING AND CAME OFF W/TOOLS, P/O HOLE LAY DN PERF GUNS,
0.4510005	16:30 - 18:30	2.00	COMP	31	I	Р		R/D WIRELINE AND FRAC CREW, N/D FRAC VALVE, N/U BOPS, R/U TBG EQUIP, TIH W/ 3 7/8" MILL & pobs, TIH W/ 2 3/8: TBG TO 2400',
9/15/2009	7:00 - 7:15	0.25	COMP	48	^	Р		JSA-SAFETY MEETING #4, DAY 4
	7:15 - 10:30 10:30 - 13:30	3.25	COMP	44 34	C	P P		NO PRESSURE ON WELL, TAG CBP AT 2482', DRILL OUT CBP, 200# FLOWING PRESSURE, TIH C/O OUT TO 5300', MADE SURE CBP PASS PERF, CIRC WELL AROUND, R/D POWER SWIVEL, TOOH W/ 2 3/8" TBG, LAYED DN MILL R/U CASED HOLE WIRELINE, RIH W/ HALLIBURTON 8K CBP, SET CBP @ 5076', N/D

9/21/2009 1:03:20PM

US ROCKIES REGION

Well: BONAN	Well: BONANZA 1023-7G Spud					oud Conductor: 3/28/2008 Spud Date: 4/3/2008						
Project: UTA	Site: BC	NANZA	1023-70	}		Rig Name No: MILES-GRAY 1/1						
Event: RECC	tte: 9/10/2009 End Date: 9/18/2009			End Date: 9/18/2009								
Active Datum Level)	n: RKB @5,340.01ft (above Mean	Sea	UWI: B	ONANZ	A 1023-7	'G					
Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation				
	13:30 - 16:00	2.50	COMP	36	E	Р		(STG #7) RIH W/ PERF GUNS, PERF THE WASATCH @ 5044'-5046', 4962'-4968', 4836'-4838				

USING 3 3/8" EXP GUNS, 23 GM, 0.36 HOLE, 90* PHS, 4-SPF, 40 HOLES, WHP = 180 #, BRK DN PERF @ 1998 # @ 5 B/M, INJ-RT = 51 B/M, IJN-P = 3050 #, ISIP = 1250 #, F.G.= 0.68 , CALC ALL PERF OPEN, PUMP 847 BBLS SLK WTR & 43467# OTTAWA SAND, ISIP = 1850 #, F.G.= 0.80, NPI 600, MP = 4250 #, MR = 51.5 B/M, AP = 2724 #, AR = 45.4 B/M, 38467 # 30/50 OTTAWA SAND, 500 # TLC SAND, 83 GALS CLAYTREAT, 15 GALS FRW- B 400, 70 GALS NALCO SCALE INHIB, 10 GALS NALCO BIOCID,

(KILL PLUG) RIH W/ HALLIBURTON 8K CBP, SET CBP @ 4750', POOH, R/D CASED HOLE WIRELINE AND SCHLUMBERGER FRAC CREW,

TOTAL OTTAWA SAND = 426798# TOTAL CLAYTREAT J-583 = 966 GALS, TOTAL FRW-B400 = 206 GALS TOTAL NALCO SCALE INHIB = 765 GALS TOTAL NALCO BIOCID = 181 GALS N/D FRAC VALVE, N/U BOPS AND TBG EQUIP, P/U 3 7/8" MILL & POBS, TIH W/ 2 3/8" TBG TO @ 4700' SWI, SDFN. JSA-SAFETY MEETING #5, DAY 5 NO PRESSURE ON WELL, TIH TAG @ 4750', R/U POWER SWIVEL, MOTOR ON PWER UNIT WENT DN, CHANGE OUT POWER SWIVEL,

TOTAL FLUID = 9962 BBLS SLK WTR,

16:00 - 17:30

7:00 - 7:15

7:15 - 10:30

9/16/2009

1.50

0.25

3.25

COMP

COMP

COMP

31

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31

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JSA-SAFETY MEETING #6, DAY 6,

			•			KIES R Jumma	EGION ary Repo i		
Well: BONAN	NZA 1023-7G		Spud C	onductor	r: 3/28/20	008	Spud Date: 4	3/2008	
Project: UTA	H-UINTAH		Site: BC	ONANZA	1023-70	3		Rig Name No: MILES-GRAY 1/1	
Event: RECO	MPL/RESEREVEA	DD	Start Da	ate: 9/10/	2009			End Date: 9/18/2009	
Active Datun Level)	n: RKB @5,340.01ft	(above Mean	Sea	UWI: E	BONANZ	A 1023-7	G		
Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation	
	10:30 - 17:00	6.50	COMP	44	C	P		(DRLG CBP #1) 4750', ESTB CIRC DN TBG OUT CSG, DRILL OUT HALLIBURTON 8K CBP IN 10 MIN, 200 # DIFF, RIH TAG @ 5046', C/O 30' SAND, FCP = 200 #, (DRLG CBP #2) 5076', DRILL OUT HALLIBURTON 8K CBP IN 10 MIN, 0 # DIFF, RIH TAG @ 5326', C/O 30' SAND, FCP = 200 #, (DRLG CBP #3) 5326', DRILL OUT HALLIBURTON 8K CBP IN 10 MIN, 0 #DIFF, RIH TAG @ 5916', C/O 30', SAND, FCP = 200 #, (DRLG CBP #4) 5946', DRILL OUT HALLIBURTON 8K CBP IN 15 MIN, 100 # DIFF, RIH TAG @ 6380', C/O 30' SAND, FCP = 300 #, (DRLG CBP #5) 6410', DRILL OUT HALLIBURTON 8K CBP IN 10 MIN, 100 # DIFF, RIH TAG @ 6668', C/O 30' SAND, FCP = 400 #, (DRLG CBP #6) 6698', DRILL OUT HALLIBURTON 8K CBP IN 10 MIN, 50# DIFF, RIH TAG @ 6890', C/O 30' SAND, FCP = 450#, (DRLG CBP #7) 6920', DRILL OUT HALLIBURTON 8K CBP IN 10 MIN, 50# DIFF, RIH TAG @ 6890', C/O 30' SAND, FCP = 450#, (DRLG CBP #7) 6920', DRILL OUT HALLIBURTON 8K CBP IN 10 MIN, 50# DIFF, FCP = 500#, FLOWED WELL W/ PRESSURE DN TO 150#, TOOH 38 STANDS TO @ 4500', NO SAND FLOWING BACK, SHUT WELL IN SDFN RNI HAULED 780 BBLS WTR TO BONANZA 1023-	
0/47/0000	7,00 7.45	0.05	00110	40		ъ		5PS PIT.	

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9/21/2009

9/17/2009

1:03:20PM

7:00 - 7:15

0.25

COMP

48

US ROCKIES REGION

Operation Summary Report

Spud Conductor: 3/28/2008 Spud Date: 4/3/2008 Well: BONANZA 1023-7G Rig Name No: MILES-GRAY 1/1 Site: BONANZA 1023-7G Project: UTAH-UINTAH

Project: UTAH	I-UINTAH		Site: BC	DNANZA	1023-70)		Rig Name No: MILES-GRAY 1/1	
Event: RECO	MPL/RESEREVEAL	DD	Start Da	ate: 9/10/2	2009			End Date: 9/18/2009	
Active Datum: Level)	RKB @5,340.01ft ((above Mean	Sea	UWI: B	ONANZ	A 1023-7	G	Operation 500# ON WELL, BLOWED DN TO TK, TIH TAG SAND @7030 ', C/O 30' SAND, FCP = 150#, (DRLG CBP #8) 7060', DRILL OUT HALLIBURTO 10K CBP IN 15 MIN, 0# DIFF, RIH TAG @ 7630', R/U FOAM UNIT CIRC WELL W/ FOAM, DRILL OU SCALE FROM 7630' TO 7694', RIH TAG FILL @ 8075', C/O FILL FROM 8075' TO @ 8300', CIRC WELL AROUND W/ FOAM UNIT, P/O LAYED DN 18 JTS ON TRAILER, LAND TBG HANGER W/ 248 JTS 2 3/8" J-55 TBG, EOT @ 7815.19', R/D FLOOR AND TBG EQUIP, N/D BOF N/U WH, DROP BALL DN TBG, PUMP OFF THE E @ 875 #, WAIT 30 MIN FOR BIT TO FALL TO BT R/U FOAM UNIT BLOWED WELL AROUND, OPE WELL TO FBT W/ FTP = 300 #, SICP = 750 #, TURN WELL OVER TO FBC @ 4:30 PM, W/ 906: BBLS WTR LTR,	
Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation	
	7:15 - 16:30	9.25	COMP	44	С	P		SAND @7030 ', C/O 30' SAND, FCP = 150#, (DRLG CBP #8) 7060', DRILL OUT HALLIBURTON 10K CBP IN 15 MIN, 0# DIFF, RIH TAG @ 7630', R/U FOAM UNIT CIRC WELL W/ FOAM, DRILL OUT SCALE FROM 7630' TO 7694', RIH TAG FILL @ 8075', C/O FILL FROM 8075' TO @ 8300', CIRC WELL AROUND W/ FOAM UNIT, P/O LAYED DN 18 JTS ON TRAILER, LAND TBG W/ HANGER W/ 248 JTS 2 3/8" J-55 TBG, EOT @ 7815.19', R/D FLOOR AND TBG EQUIP, N/D BOPS, N/U WH, DROP BALL DN TBG, PUMP OFF THE BIT @ 875 #, WAIT 30 MIN FOR BIT TO FALL TO BTM, R/U FOAM UNIT BLOWED WELL AROUND, OPEN WELL TO FBT W/ FTP = 300 #, SICP = 750 #, TURN WELL OVER TO FBC @ 4:30 PM, W/ 9062	
9/20/2009	13:00 -		PROD	50				7815.19' WELL TURNED TO SALE @ 1300 HR ON 9/20/09 - FTP 750#, CP 1500#, 1.3 MCFD, 40 BWPD, 28/64	

CK

9/21/2009 1:03:20PM Sundry Number: 14885 API Well Number: 43047373260000

	STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES		FORM 9
	DIVISION OF OIL, GAS, AND MININ	NG	5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-38420
SUNDF	RY NOTICES AND REPORTS O	N WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	sals to drill new wells, significantly deepen ex igged wells, or to drill horizontal laterals. Use		7.UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Gas Well	8. WELL NAME and NUMBER: BONANZA 1023-7G		
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONS	9. API NUMBER: 43047373260000		
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th S	PHONE treet, Suite 600, Denver, CO, 80217 3779	NUMBER: 720 929-6515 Ext	9. FIELD and POOL or WILDCAT: NATURAL BUTTES
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1941 FNL 2110 FEL			COUNTY: UINTAH
QTR/QTR, SECTION, TOWNSHI Qtr/Qtr: SWNE Section: 07	(P, RANGE, MERIDIAN: Township: 10.0S Range: 23.0E Meridian: S		STATE: UTAH
11. CHE	CK APPROPRIATE BOXES TO INDICATE	NATURE OF NOTICE, REPORT,	OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
	☐ ACIDIZE ☐	ALTER CASING	CASING REPAIR
Approximate date work will start:	☐ CHANGE TO PREVIOUS PLANS	CHANGE TUBING	☐ CHANGE WELL NAME
5/4/2011	☐ CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN	FRACTURE TREAT	☐ NEW CONSTRUCTION
Date of Work Completion.	OPERATOR CHANGE	PLUG AND ABANDON	☐ PLUG BACK
SPUD REPORT	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION
Date of Spud:	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	VENT OR FLARE	WATER DISPOSAL
DRILLING REPORT Report Date:	✓ WATER SHUTOFF	SI TA STATUS EXTENSION	APD EXTENSION
	☐ WILDCAT WELL DETERMINATION ☐	OTHER	OTHER:
THE OPERATOR REC	MPLETED OPERATIONS. Clearly show all pertin QUESTS AUTHORIZATION TO WO ORKOVER OPERATIONS WILL CO N CEMENT SQUEEZE. PLEASE SE	ORKOVER THE SUBJECT ONSIST OF WATER SHUT EE ATTACHED PROCEDUR	Accepted by the Utah Division of Oil, Gas and Mining
NAME (PLEASE PRINT) Gina Becker	PHONE NUMBER 720 929-6086	TITLE Regulatory Analyst II	
SIGNATURE N/A		DATE 5/5/2011	
I IN/A		■ J/J/ZUII	

Sundry Number: 14885 API Well Number: 43047373260000

Bonanza 1023-7G SWNE Sec 7 - T10S - R23E 2011 Water Shut-Off Rig Maintenance Uintah County, UT

ELEVATIONS: 5,322' GL 5,340' KB

TOTAL DEPTH: 8383 **PBTD:** 8338

SURFACE CASING: 9 5/8", 36# J-55 ST&C @ 2101' **PRODUCTION CASING:** 4 1/2", 11.6#, I-80 LT&C @ 8383'

Marker Joint 4139-4159'

TUBULAR PROPERTIES:

	BURST	COLLAPSE	DRIFT DIA.	CAPACITIES	
	(psi)	(psi)	(in.)	(bbl/ft)	(gal/ft)
2 3/8" 4.7# J-55	7,700	8,100	1.901"	0.00387	0.1624
tbg					
4 ½" 11.6# I-80	7780	6350	3.875"	0.0155	0.6528
(See above)					
2 3/8" by 4 ½"				0.0101	0.4227
Annulus					

TOPS:

Green River 1217'
Mahogany 1809'
Wasatch 4183'
Mesaverde 6298'

TOC: Estimated ratty cement above 3,000' from CBL.

Perfs:

Legal Well Name	Date	MD Top (ft)	MD Base (ft)	SPF	Stage
BONANZA 1023-7G	9/14/2009	4,836.00	4,838.00	4	R7
BONANZA 1023-7G	9/14/2009	4,962.00	4,968.00	4	R7
BONANZA 1023-7G	9/14/2009	5,044.00	5,046.00	4	R7
BONANZA 1023-7G	9/14/2009	5,200.00	5,204.00	4	R6
BONANZA 1023-7G	9/14/2009	5,290.00	5,296.00	4	R6
BONANZA 1023-7G	9/14/2009	5,780.00	5,784.00	4	R5
BONANZA 1023-7G	9/14/2009	5,910.00	5,916.00	4	R5
BONANZA 1023-7G	9/14/2009	6,167.00	6,168.00	4	R4
BONANZA 1023-7G	9/14/2009	6,230.00	6,232.00	4	R4
BONANZA 1023-7G	9/14/2009	6,304.00	6,308.00	4	R4
BONANZA 1023-7G	9/14/2009	6,324.00	6,326.00	4	R4
BONANZA 1023-7G	9/14/2009	6,378.00	6,380.00	4	R4
BONANZA 1023-7G	9/14/2009	6,468.00	6,472.00	3	R3
BONANZA 1023-7G	9/14/2009	6,534.00	6,536.00	4	R3
BONANZA 1023-7G	9/14/2009	6,614.00	6,618.00	4	R3
BONANZA 1023-7G	9/14/2009	6,666.00	6,668.00	4	R3
BONANZA 1023-7G	9/14/2009	6,774.00	6,776.00	4	R2
BONANZA 1023-7G	9/14/2009	6,806.00	6,808.00	4	R2
BONANZA 1023-7G	9/14/2009	6,856.00	6,860.00	4	R2
BONANZA 1023-7G	9/14/2009	6,888.00	6,890.00	4	R2
BONANZA 1023-7G	9/14/2009	6,976.00	6,978.00	4	R1
BONANZA 1023-7G	9/14/2009	6,992.00	6,996.00	4	R1
BONANZA 1023-7G	9/14/2009	7,026.00	7,030.00	4	R1
BONANZA 1023-7G	7/3/2008	7,178.00	7,180.00	4	7
BONANZA 1023-7G	7/3/2008	7,238.00	7,240.00	4	7
BONANZA 1023-7G	7/3/2008	7,276.00	7,278.00	4	7
BONANZA 1023-7G	7/3/2008	7,324.00	7,328.00	4	7
BONANZA 1023-7G	7/3/2008	7,420.00	7,430.00	4	6
BONANZA 1023-7G	7/3/2008	7,535.00	7,540.00	4	5
BONANZA 1023-7G	7/3/2008	7,580.00	7,585.00	4	5
BONANZA 1023-7G	7/3/2008	7,665.00	7,669.00	4	4
BONANZA 1023-7G	7/3/2008	7,706.00	7,708.00	4	4
BONANZA 1023-7G	7/3/2008	7,755.00	7,759.00	4	4
	EO	T @ 7815'			
BONANZA 1023-7G	7/3/2008	7,840.00	7,844.00	4	3
BONANZA 1023-7G	7/3/2008	7,891.00	7,897.00	4	3
BONANZA 1023-7G	7/3/2008	7,978.00	7,982.00	3	2
BONANZA 1023-7G	7/3/2008	8,006.00	8,008.00	3	2
BONANZA 1023-7G	7/3/2008	8,041.00	8,044.00	3	2
BONANZA 1023-7G	7/3/2008	8,096.00	8,100.00	3	2
BONANZA 1023-7G	7/3/2008	8,202.00	8,206.00	4	1
BONANZA 1023-7G	7/3/2008	8,259.00	8,265.00	4	1
	PBT	D @ 8300'			

Note: Shaded perfs are those to be squeezed.

Sundry Number: 14885 API Well Number: 43047373260000

Procedure Outline

- MIRU. POOH (EOT @ 7815')
- R/U WIRELINE AND LUBRICATOR. RIH W/ GAUGE RING AND JUNK BASKET TO ~6750'. RIH W/ 4-1/2" CBP ON WIRELINE AND SET SAME @ ~6700'. POOH. RIH W/ 4-1/2" CICR ON TUBING AND SET SAME @ 6435'.
- STING INTO CICR AND ESTABLISH INJECTION RATE.
- R/U CEMENT COMPANY AND PUMP RECOMMENDED CEMENT JOB INTO PERFORATIONS FROM 6468'-6668'. REVERSE CICRULATE TUBING CLEAN. POOH W/ STINGER.
- RIH W/ 4-1/2" CICR ON TUBING AND SET SAME @ 6125'.
- STING INTO CICR AND ESTABLISH INJECTION RATE.
- R/U CEMENT COMPANY AND PUMP RECOMMENDED CEMENT JOB INTO PERFORATIONS FROM 6167'-6380'. REVERSE CICRULATE TUBING CLEAN. POOH W/STINGER. WOC.
- RIH W/ 3-7/8" BIT. D-O CEMENT TO ~6400'. TOOH.
- PU PACKER AND SET @ 6150'. PRESSURE TEST CASING AND PERFORATIONS TO 500 PSI FOR 10 MINUTES. RESQUEEZE IF NECESSARY. POOH.
- RIH W/ 3-7/8" BIT. D-O CEMENT TO ~6680'. TOOH.
- PU PACKER AND SET @ 6450'. PRESSURE TEST CASING AND PERFORATIONS TO 500 PSI FOR 10 MINUTES. RESQUEEZE IF NECESSARY. POOH.
- PU MILL AND RIH TO D-O CBP AND C-O TO PBTD @ ~8300'.
- POOH W/ MILL AND LAY DOWN SAME. RIH W/ PRODUCTION TUBING AND LAND SAME AT ~7815'.
- N/D BOPE. N/U WH. RDMO AND RTP.

Contacts

Foreman Area	Title / Run	Phone	E-mail
Kyle Bohannon	Prod Eng V1	804-512-1985	Kyle.Bohannon@anadarko.com
Jay Aguinaga	FOREMAN V1	435-828-6460	Jay.Aguiniga@anadarko.com
Ryan Kunkel	Lead Operator	435-828-4624	Ryan.Kunkel@anadarko.com

Sundry Number: 17852 API Well Number: 43047373260000

	STATE OF UTAH		FORM 9
	DEPARTMENT OF NATURAL RESOURCE DIVISION OF OIL, GAS, AND MIN		5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-38420
SUNDF	RY NOTICES AND REPORTS	ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	sals to drill new wells, significantly deepen igged wells, or to drill horizontal laterals. U		7.UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Gas Well	8. WELL NAME and NUMBER: BONANZA 1023-7G		
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONS	9. API NUMBER: 43047373260000		
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th S	PHOI treet, Suite 600, Denver, CO, 80217 3779	NE NUMBER: 720 929-6515 Ext	9. FIELD and POOL or WILDCAT: NATURAL BUTTES
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1941 FNL 2110 FEL			COUNTY: UINTAH
QTR/QTR, SECTION, TOWNSHI Qtr/Qtr: SWNE Section: 07	(P, RANGE, MERIDIAN: Township: 10.0S Range: 23.0E Meridian: S	S	STATE: UTAH
11. CHE	CK APPROPRIATE BOXES TO INDICAT	E NATURE OF NOTICE, REPORT,	OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
	ACIDIZE	☐ ALTER CASING	CASING REPAIR
☐ NOTICE OF INTENT	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	CHANGE WELL NAME
Approximate date work will start:	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE
✓ SUBSEQUENT REPORT	DEEPEN	FRACTURE TREAT	□ NEW CONSTRUCTION
Date of Work Completion: 8/5/2011	OPERATOR CHANGE	☐ PLUG AND ABANDON	□ PLUG BACK
_	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION
SPUD REPORT Date of Spud:			
	☐ REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
DRILLING REPORT	☐ TUBING REPAIR		☐ WATER DISPOSAL
Report Date:	✓ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	OTHER	OTHER:
The operator has con Please see the attac	MPLETED OPERATIONS. Clearly show all periocluded the water shut-off opershed chrono for details of performeze interval was from 6,167	rations on the subject well oration squeeze operation. -6,668'. Thank you. Oil	
NAME (PLEASE PRINT) Andy Lytle	PHONE NUMBER 720 929-6100	TITLE Regulatory Analyst	
SIGNATURE N/A		DATE 8/26/2011	

Sundry Number: 17852 API Well Number: 43047373260000

				US	ROC	KIES R	REGION	
			0	perat	ion S	umm	ary Repor	t
Well: BONANZ	A 1023-7G		Spud Co	nductor	: 3/28/20	008	Spud Date: 4/	/3/2008
Project: UTAH-			Site: BO				<u> </u>	Rig Name No:
	VORK EXPENSE		Start Dat	te: 7/25/2	2011			End Date: 8/5/2011
Active Datum: I	RKB @5,340.00ft	(above Mea	n Sea Leve	UWI: B	ONANZ	A 1023-7	7G	
Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
7/26/2011	7:00 - 7:30	0.50	WO/REP	48		Р		HSM, MOVING RIG & EQUIP
	7:30 - 12:00	4.50	WO/REP	30	А	Р		MIRU F/ NBU 920-23I, SITP 30 PSI, SICP 950 PSI, KILL TBG W/ 30 BBLS T-MAC, ND WH NU BOPS, RU FLOOR & EQUIP. KILL CSG W/ 40 BBLS T-MAC, UNLAND TBG L/D HANGER.
	12:00 - 17:00	5.00	WO/REP	31	I	Р		TALLY & BROACH OUT OF HOLE W/ 248 JTS 23/8 J-55, L/D BTM 78 JTS NO DRIFT & COATED W/ SCALE L/D X/N W/ BUMPER SPRING INSIDE. HAD TROUBLE W/ SCALE PLUGING SLIPS & TONG DIES.
	17:00 - 19:30	2.50	WO/REP	34	1	Р		RU CASED HOLE RIH W/ 41/2 GAUGE RING to 6750' POOH SLIGHT DRAG @ 6550', RIH W/ 41/2 8-K CBP HIT SCALE @ 6340 GOT TROUGH, RIH SET CBP @ 6700'. POOH RD WL, SWI SDFN.
7/27/2011	7:00 - 7:30	0.50	WO/REP	48		Р		HSM, WORKING W/ TOOL MAN
	7:30 - 13:30	6.00	WO/REP	51	A	P		SICP 950 PSI, BLEW DWN WELL, KILL CSG W/ 40 BBLS T-MAC & TRICKLE WTR IN HOLE. PU RIH W/ CICR & 170 JTS OUT OFF DERICK, PU 34 JTS 23/8 J-55 YELLOW BAND OFF FLOAT & 10' PUP, SET CICR @ 6428'. FILL TBG W/ 14 BBLS T-MAC, TEST TBG TO 1500 PSI OK, UNSTUNG OUT OF RETAINER, ATEMPT TO REV CIR WELL W/ 50 BBLS NO CIRC. STUNG INTO RETAINER, GOT INJ RATE OF 3 BPM @ 390 PSI, W/ 28 BBLS T-MAC. PUMPED 5 BBLS FRESH WTR, 50 SKS 15.8# 1.15 YEILD W/ 2% CACL, CLASS G CMT, 50 SKS CLAGG G 15.8 1.15 YEILD CMT, 10 BBLS FRESH WTR, FLUSH W/ 8 BBLS T-MAC, CMT LOCKED UP TO 2500 PSI, WHILE PUMPING DWN CSG UNSTUNG OUT OF RETAINER, FLUSHED TBG W/ 10 MORE BBLS T-MAC, L/D 10' PUP POOH W/ 204 JTS 23/8 J-55 PUMPING DWN CSG WHILE POOH.L/D STINGER.
	13:30 - 17:00	3.50	WO/REP	51	Α	Р		RIH W/ 2ND CICR & 188 JTS 23/8 J-55, TAG UP @ 5919' ON CMT. 2ND PERF HOLES TO BE SQEEZED ARE COVERED IN CMT.POOH W/ 86 JTS 23/8 J-55 & RETAINER SLOW, EOT @ 3216.
7/28/2011	7:00 - 7:30	0.50	WO/REP	48		Р		HSM, POOH SLOW W/ TBG NOT TO HANG UP RETAINER.
	7:30 - 11:30	4.00	WO/REP	31	I	Р		SICP 0, POOH W/ REM 102 JTS 23/8 J-55 SLOW. L/D CICR, PU RIH W/ 37/8 BIT & 188 JTS 23/8. RU DRLG EQUIP.
	11:30 - 17:00	5.50	WO/REP	44	А	Р		INSTALED TSF, BROKE CIRC W/ AIR/FOAM IN 40 MIN, DRL SOFT CMT F/ 5919' TO 6413' CIRC CLEAN W/ AIR/FOAM. KILL TBG, L/D 16 JTS TBG REMOVED TSF.SWI SDFN
7/29/2011	7:00 - 7:30	0.50	WO/REP	48		Р		HSM, WORKING W/ CMT CREW.
	7:30 - 10:30	3.00	WO/REP	31	I	Р		SICP PSI, POOH W/ 188 JTS 23/8 LD/BIT, PU RIH W/ CICR & 194 JTS 23/8 J-55 SET RETAINER @ 6105'.

US ROCKIES REGION **Operation Summary Report** Spud Conductor: 3/28/2008 Spud Date: 4/3/2008 Well: BONANZA 1023-7G Project: UTAH-UINTAH Site: BONANZA 1023-7G Rig Name No: **Event: WELL WORK EXPENSE** Start Date: 7/25/2011 End Date: 8/5/2011 Active Datum: RKB @5,340.00ft (above Mean Sea Leve UWI: BONANZA 1023-7G Code Date P/U Time Duration Phase Sub MD From Operation Start-End Code (hr) (ft) 10:30 - 13:30 3.00 WO/REP 51 Α Р RU PRO PETRO, TEST TBG TO 1500 PSI. GOT INJECTION RAT OF 3 BPM @ 1600 PSI, PERFS 6167'-6380', PUMPED 5 BLS FRESH WTR, 75 SKS 15.3 BBLS CLASS G CMT 15.8# 1.15 YEILD, FLUSH W/ 1 BBL FRESH WTR, 17 BBLS T-MAC CMT LOCKED UP TO 3,000 PSI. LEAVING 5 BBLS CMT IN TBG, UNSTUNG OUT OF RETAINER, RU WEATHERFORD AIR FOAM DWN TBG CIRC CMT UP & OUT OF CSG & CIR FOR EXTRA 1/2 HR. KILL TBG, RD WEATHERFORD & PRO PETRO. 13:30 - 16:30 3.00 WO/REP 31 Р POOH W/ 194 JTS L/D STINGER, PU RIH W/ 37/8 SMITH BIT & 164 JTS 23/8 EOT @ 5161 ' SWI SDFWF 8/1/2011 7:00 - 7:30 0.50 WO/REP 48 Ρ HSM. WORKING W/ POWER SWIVEL 7:30 - 8:30 1.00 WO/REP Ρ SICP 300 PSI, OPEN CSG TO FB TNK, RIH W/ 15 31 JTS 23/8 TAG UP ON RETAINER, RU SWIVEL & BROKE CIRC W/ AIR/FOAM. 8:30 - 13:20 4.83 WO/REP 44 В Ρ DRILL CICR @ 6105', BTM CONE WAS SPINNING, HAD TO SHUT FOAM UNIT DWN TO GET BTM DRILLED UP. 13:20 - 18:00 4.67 WO/REP 44 Α Ρ DRLL CMT F/6107' TO 6297' 190' CMT, CIRC WELL CLEAN W/ AIR/ FOAM, SWI SDFN 8/2/2011 7:00 - 7:30 0.50 WO/REP Р HSM, TRIPPING TBG, 48 7:30 SICP 1000 #, OPEN CSG TO FB TNK, BROKE CIRC - 9:30 2.00 WO/REP 44 Α Р W/ AIR/FOAM, DRILL CMT F/ 6297' TO 6413' FELL FREE CIRC CLEAN. 9:30 - 14:25 4.92 WO/REP 31 Р RD SWIVEL, L/D 10 JTS TBG RMOVED TSF, POOH W/ 194 JTS L/D BIT CONES WERE LOOSE, PU RIH W/ NEW BIT & 204 JTS RU SWIVEL BREAK CIR W/ AIR/FOAM IN 20 MIN 14:25 - 18:30 4.08 WO/REP 44 В Ρ DRILL TROUGH CICR IN 3 HRS 55 MINS, DRILL CMT F/ 6428' TO 6454' CIRC WELL CLEAN SWI SDFN. 8/3/2011 7:00 - 7:30 HSM, WORKING W/ POWER SWIVEL 0.50 **SUSPEN** 48 Р 7:30 - 11:45 4.25 SUSPEN Р SICP 750#, OPEN TO FB TNK, BROKE CIRC W/ 44 Α AIR/FOAM, DRILL CMT F/ 6454' TO 6684' 230' CMT JUST BELOW BTM PERF @ 6380', CIRC CLEAN, HANG SWIVEL. Ρ 11:45 - 13:45 2.00 SUSPEN 31 POOH W/ 213 JTS TBG L/D BIT CONES WERE LOOSE. 13:45 - 15:30 P 1.75 SUSPEN 31 ı PU RIH W/ 37/8 MILL & 213 JTS TBG RU SWIVEL. 15:30 - 17:30 2.00 SUSPEN С Ρ BROKE CIRC W/ AIR/FOAM, D/O CBP @ 6700' IN 44 20 MIN, 100 PSI INCREASE, CIRC WELL CLEAN W/ AIR/FOAM EOT @ 6737' 214 JTS IN, SWI SDFN. 8/4/2011 7:00 - 7:30 0.50 WO/REP Р HSM, WATCHING PINCH PINTS. 48 Ρ 7:30 - 7:45 0.25 WO/REP 31 SICP 750#, SITP 750 PSI, OPEN CSG TO FB TNK. KILL TBG W/ 30 BBLS T-MAC. PU 33 JTS 23/8 YELLOW BAND TAG UP @ 7775' 247 JTS IN. INSTALLED TSF RU SWIVEL. 7:45 - 18:00 10.25 WO/REP 44 D Р BROKE CIRC W/ AIR/FOAM, C/O SCALE F/ 7775' -7779', 7915'-8151', C/O SAND F/ 8151'-8285' HIT OLD POBS, CIRC WELL CLEAN. HANG SWIVEL, L/D 15 JTS REMOVED TSF, POOH W/ 248 JTS L/D MILL, PU RIH W/ 1.875 X/N & 128 JTS BROACHING EVERY 20 STDS EOT @ 4031' SWI SDFN.

Ρ

8/5/2011

7:00 - 7:30

0.50

WO/REP

48

HSM. WORKING W/ SAND LINE BROACHING TBG.

		Sundry	Number	: 178	52 AF	PI Wel	<u> 1 Number:</u>	43047373260000	
	US ROCKIES REGION								
	Operation Summary Report								
Well: BONANZA 1023-7G Spud Conductor: 3/28				: 3/28/20	800	Spud Date: 4/3	3/2008		
Project: UTAH-	·UINTAH		Site: BO	NANZA	1023-70	;		Rig Name No:	
Event: WELL W	VORK EXPENSE		Start Dat	e: 7/25/2	2011			End Date: 8/5/2011	
Active Datum: RKB @5,340.00ft (above Mean Sea L				UWI: B	ONANZ	A 1023-7	7G		
Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation	
	7:30 - 11:00	3.50	WO/REP	31	I	Р		SICP 700, SITP 700, OPEN CSG TO FB TNK, KILL TBG, RIH W/ REM 120 JTS 23/8 J-55 BROACHING, LAND TBG, ND BOPS NU WH, SWI RDMOL.	
								KB = 18' 41/16 HANGER = .83' 78 JTS 23/8 J-55 YELLOW BAND = 2455.54' 170 JTS 23/8 J-55 F/ WELL = 5338.09' 1.875 X/N = 1.05' EOT @ 7813.51'	
								TWTR = 60 BBLS (THIS WELL WILL NEED TO BE PERDGED BEFORE SELLING USED AIR/FOAM)	

SIAIEUFUIAH	
DEPARTMENT OF NATURAL RESOURCES	s
DIVISION OF OIL, GAS AND MININ	G

			ENTITY ACTION	FORM	·		** ***********************************					
)norotor:	KERR	McGEE OIL & GAS ON	ISHORE LP					2005				
Operator:		ox 173779	TOTIONE EI	Оре	erator Ac	count Nu	ımber: _	N 2995				
\ddress:	-			-								
	city DE			-								
	state C	0	_{zip} 80217	_	P	hone Nu	mber:	(720) 929-6029				
187 11 4				_								
Weil 1 API Nu	mhor	I WAY-1	Name	7	T =	T						
See A		<u> </u>		QQ	Sec	Twp	Rng	County				
		See Atchm	r									
Action	Code	Current Entity Number	New Entity Number	s	pud Da	te		tity Assignment Effective Date				
		99999	19519				<u> </u>	1112012				
Commen	ts: Diagr	o ooo attaabaa ah ah		-			<u> </u>	1115015				
i - ve no		e see attachment with	list of Wells in the Pon	derosa Uı	nit.		513	30 12012				
WSM	1/17							30 10010				
Weii 2		·										
API Nu	mber	Well	Name	QQ	Sec	Twp	Rng	County				
Action	Code	Current Entity	New Entity	s	pud Dat	l	Fnt	tity Assignment				
		Number	Number]	,			Effective Date				

Comment	ts:											
				·								
Well 3												
API Nu	mber	Well	Name	QQ	Sec	Twp	Rng	County				
								×				
Action	Code	Current Entity	New Entity	-	pud Dat	·^	F"4	L				
		Number	Number	"	puu Dai	.E		ity Assignment Effective Date				

Comment	s:			<u></u>		•••						
- w												
							······································					
TION CODE												
A - Estat	olish new e	ntity for new well (single v	well only)	Ca	ra Mahle	r						
B - Add :	new well to	existing entity (group or	unit well)	Nam	e (Please	Print)						
C - Re-a:	ssign well t ssign well t	rom one existing entity to	another existing entity									
E - Other	r (Explain i	rom one existing entity to n 'comments' section)	RECEIVED		ature	DV ANA	I VOT	E/04/0040				
	, ,											
			MAV a 4 2042	Title Date								

(5/2000)

MAY 2 1 2012

well name	sec	twp	rng	api	entity	le	ease	well	stat	qtr_qtr	bhl	surf zone	a_stat	I_num	op_no
SOUTHMAN CANYON 31-3	31	0908	230E	4304734726	13717		1	GW	Р	SENW		1 WSMVD	P	U-33433	N2995
SOUTHMAN CANYON 31-4	31	090S	230E	4304734727	13742			GW	S	SESW		1 WSMVD	S	UTU-33433	N2995
SOUTHMAN CYN 31-2X (RIG SKID)	31	0908	230E	4304734898	13755		1	GW	Р	NWNW		1 WSMVD	Р	U-33433	N2995
SOUTHMAN CYN 923-31J	31	090S	230E	4304735149				GW	Р	NWSE		1 MVRD	Р	U-33433	N2995
SOUTHMAN CYN 923-31B	31	0908	230E	4304735150			!	GW	Р	NWNE		1 MVRD	Р	U-33433	N2995
SOUTHMAN CYN 923-31P	31	0908	230E	4304735288	14037			GW	Р	SESE		1 WSMVD	Р	UTU-33433	N2995
SOUTHMAN CYN 923-31H	31	090S	230E	4304735336	14157		-	GW	Р	SENE		1 WSMVD	Р	U-33433	N2995
SOUTHMAN CYN 923-310	31	090S	230E	4304737205		:	1	GW	Р	SWSE		1 MVRD	Р	UTU-33433	N2995
SOUTHMAN CYN 923-31K	31	090S	230E	4304737206	16503		1	GW	Р	NESW		1 WSMVD	Р	UTU-33433	N2995
SOUTHMAN CYN 923-31G	31	090S	230E	4304737208	16313		1	GW	Р	SWNE		1 WSMVD	Р	UTU-33433	N2995
SOUTHMAN CYN 923-31E	31	0908	230E	4304737209	16521		1	GW	Р	SWNW		1 WSMVD	Р	UTU-33433	N2995
SOUTHMAN CYN 923-31A	31	090S	230E	4304737210	16472		1	GW	Р	NENE		1 WSMVD	Р	UTU-33433	N2995
SOUTHMAN CYN 923-31C	31	090S	230E	4304737227	16522		1	GW	Р	NENW		1 WSMVD	Р	UTU-33433	N2995
BONANZA 1023-1G	01	100S	230E	4304735512	14458		1	GW	Р	SWNE		1 WSMVD	Р	U-40736	N2995
BONANZA 1023-1A	01	100S	230E	4304735717	14526		1	GW	Р	NENE		1 WSMVD	Р	U-40736	N2995
BONANZA 1023-1E	01	100S	230E	4304735745	14524		1	GW	Р	SWNW		1 WSMVD	Р	U-40736	N2995
BONANZA 1023-1C	01	100S	230E	4304735754	14684		1	GW	Р	NENW		1 MVRD	Р	U-40736	N2995
BONANZA 1023-1K	01	100S	230E	4304735755	15403		1	GW	Р	NESW		1 MVRD	Р	U-38423	N2995
BONANZA 1023-1F	01	100S	230E	4304737379	16872		1	GW	Р	SENW		1 MVRD	Р	UTU-40736	N2995
BONANZA 1023-1B	01	100S	230E	4304737380	16733		1	GW	Р	NWNE		1 MVRD	Р	UTU-40736	N2995
BONANZA 1023-1D	01	100S	230E	4304737381	16873		1	GW	Р	NWNW		1 MVRD	Р	UTU-40736	N2995
BONANZA 1023-1H	01	100S	230E	4304737430	16901		1	GW	Р	SENE		1 MVRD	Р	UTU-40736	N2995
BONANZA 1023-1L	01	100S	230E	4304738300	16735		1 (GW	Р	NWSW		1 MVRD	Р	UTU-38423	N2995
BONANZA 1023-1J	01	100S	230E	4304738302	16871		1 (GW	Р	NWSE		1 MVRD	Р	UTU-40736	N2995
BONANZA 1023-1I	01	100S	230E	4304738810	16750		1 (GW	Р	NESE		1 MVRD	Р	UTU-40736	N2995
BONANZA 1023-2E	02	100S	230E	4304735345	14085		3 (GW	Р	SWNW		3 WSMVD	Р	ML-47062	N2995
BONANZA 1023-2C	02	100S	230E	4304735346	14084		3 (GW	Р	NENW		3 WSMVD	Р	ML-47062	N2995
BONANZA 1023-2A	02	100S	230E	4304735347	14068		3 (GW	Р	NENE		3 MVRD	Р	ML-47062	N2995
BONANZA 1023-2G	02	100S	230E	4304735661	14291		3 (ЭW	Р	SWNE		3 WSMVD	Р	ML-47062	N2995
BONANZA 1023-20	02	100S	230E	4304735662	14289		3 (ЭW	Р	SWSE		3 WSMVD	Р	ML-47062	N2995
BONANZA 1023-2I	02	100S	230E	4304735663	14290		3 (ЭW	S	NESE		3 WSMVD	S	ML-47062	N2995
BONANZA 1023-2MX	02	100S	230E	4304736092	14730		3 (ЭW	Р	SWSW		3 WSMVD	Р	ML-47062	N2995
BONANZA 1023-2H	02	100S	230E	4304737093	16004		3 (ЭW	Р	SENE		3 WSMVD	Р	ML-47062	N2995
BONANZA 1023-2D	02	100S	230E	4304737094	15460		3 (ЭW	Р	NWNW		3 WSMVD	Р	ML-47062	N2995
BONANZA 1023-2B	02	100S	230E	4304737095	15783		3 (ЭW	Р	NWNE		3 MVRD	Р	ML-47062	N2995
BONANZA 1023-2P	02	100S	230E	4304737223	15970		3 (3W	Р	SESE		3 WSMVD	Р	ML-47062	N2995
BONANZA 1023-2N	02	100S	230E	4304737224	15887		3 (3W	Р	SESW		3 MVRD	Р	ML-47062	N2995
BONANZA 1023-2L	02		230E	4304737225	15833		3 (ЭW	Р	NWSW		3 WSMVD	Р	ML-47062	N2995
BONANZA 1023-2F	02		230E	4304737226	15386				Р	SENW		3 WSMVD	Р	ML-47062	N2995
BONANZA 1023-2D-4	02		230E	4304738761	16033				Р	NWNW		3 WSMVD		ML-47062	N2995
BONANZA 1023-20-1	02	1	230E	4304738762	16013				Р	SWSE		3 WSMVD	+	ML-47062	N2995
BONANZA 1023-2H3CS	02		230E	4304750344	17426				Р	1	D	3 MVRD		ML 47062	N2995
BONANZA 1023-2G3BS	02	4	230E	4304750345	17428			_	Р		D	3 MVRD	·i	ML 47062	N2995
BONANZA 1023-2G2CS	02		230E	4304750346	17429				Р		D	3 MVRD		ML 47062	N2995
BONANZA 1023-2G1BS	02		230E	4304750347	17427				Р	 	D	3 MVRD		ML 47062	N2995

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BONANZA 1023-2M1S	02	100S	230E	4304750379	17443	3 GW	Р	SENW	D	3 MVRD	Р	ML 47062	N2995
BONANZA 1023-2L2S	02	100S	230E	4304750380	17444	3 GW	Р	SENW	D	3 MVRD	Р	ML 47062	N2995
BONANZA 1023-2K4S	02	100S	230E	4304750381	17446	3 GW	Р	SENW	D	3 MVRD	Р	ML 47062	N2995
BONANZA 1023-2K1S	02	100S	230E	4304750382	17445	3 GW	Р	SENW	D	3 WSMVD	P	ML 47062	N2995
BONANZA 4-6 🚁	04	100S	230E	4304734751	13841	1 GW	Р	NESW		1 MNCS	Р	UTU-33433	N2995
BONANZA 1023-4A	04	100S	230E	4304735360	14261	1 GW	Р	NENE		1 WSMVD	Р	U-33433	N2995
BONANZA 1023-4E	04	100S	230E	4304735392	14155	1 GW	Р	SWNW		1 WSMVD	Р	U-33433	N2995
BONANZA 1023-4C	04	100S	230E	4304735437	14252	1 GW	Р	NENW	1	1 WSMVD	Р	U-33433	N2995
BONANZA 1023-4M	04	100S	230E	4304735629	14930	1 GW	Р	swsw		1 WSMVD	Р	U-33433	N2995
BONANZA 1023-40	04	100S	230E	4304735688	15111	1 GW	P	SWSE		1 WSMVD	Р	UTU-33433	N2995
BONANZA 1023-4I	04	100S	230E	4304735689	14446	1 GW	Р	NESE		1 MVRD	Р	UTU-33433	N2995
BONANZA 1023-4G	04	100S	230E	4304735746	14445	1 GW	Р	SWNE		1 WSMVD	Р	UTU-33433	
BONANZA 1023-4D	04	100S	230E	4304737315	16352	1 GW	Р	NWNW		1 WSMVD	Р	UTU-33433	N2995
BONANZA 1023-4H	04	100S	230E	4304737317	16318	1 GW	Р	SENE		1 WSMVD	Р	UTU-33433	N2995
BONANZA 1023-4B	04	100\$	230E	4304737328	16351	1 GW	P	NWNE		1 MVRD	Р	UTU-33433	N2995
BONANZA 1023-4L	04	100S	230E	4304738211	16393	1 GW	Р	NWSW		1 MVRD	Р	UTU-33433	N2995
BONANZA 1023-4P	04	100S	230E	4304738212	16442	1 GW	Р	SESE		1 WSMVD	Р	UTU-33433	N2995
BONANZA 1023-4N	04	100S	230E	4304738303	16395	1 GW	Р	SESW		1 WSMVD	Р	UTU-33433	N2995
BONANZA 1023-4FX (RIGSKID)	04	100S	230E	4304739918	16356	1 GW	Р	SENW	İ	1 WSMVD	Р	UTU-33433	N2995
BONANZA 1023-50	05	100S	230E	4304735438	14297	1 GW	Р	SWSE		1 WSMVD	Р	U-33433	N2995
BONANZA 1023-5AX (RIGSKID)	05	100S	230E	4304735809	14243	1 GW	Р	NENE		1 WSMVD	Р	U-33433	N2995
BONANZA 1023-5C	05	100S	230E	4304736176	14729	1 GW	Р	NENW		1 WSMVD	Р	UTU-33433	N2995
BONANZA 1023-5G	05	100S	230E	4304736177	14700	1 GW	Р	SWNE		1 WSMVD	Р	UTU-33433	N2995
BONANZA 1023-5M	05	100S	230E	4304736178	14699	1 GW	Р	SWSW		1 WSMVD	Р	UTU-73450	N2995
BONANZA 1023-5K	05	100S	230E	4304736741	15922	1 GW	Р	NESW		1 WSMVD	Р	UTU-33433	N2995
BONANZA 1023-5B	05	100S	230E	4304737318	16904	1 GW	Р	NWNE		1 WSMVD	Р	UTU-33433	N2995
BONANZA 1023-5E	05	100S	230E	4304737319	16824	1 GW	Р	SWNW		1 WSMVD	Р	UTU-33433	N2995
BONANZA 1023-5H	05	100S	230E	4304737320	16793	1 GW	Р	SENE		1 WSMVD	Р	UTU-33433	N2995
BONANZA 1023-5N	05	100S	230E	4304737321	16732	1 GW	Р	SESW	-	1 WSMVD	Р	UTU-73450	N2995
BONANZA 1023-5L	05	100S	230E	4304737322	16825	1 GW	Р	NWSW		1 MVRD	Р	UTU-33433	N2995
BONANZA 1023-5J	05	100S	230E	4304737428	17055	1 GW	Р	NWSE		1 WSMVD	Р	UTU-33433	N2995
BONANZA 1023-5P	05	100S	230E	4304738213	16795	1 GW	Р	SESE		1 MVRD	Р	UTU-33433	N2995
BONANZA 1023-5N-1	05	100S	230E	4304738911	17060	1 GW	Р	SESW		1 WSMVD	Р	UTU-73450	N2995
BONANZA 1023-5PS	05	100S	230E	4304750169	17323	1 GW	Р	NESE	D	1 WSMVD	Р	UTU-33433	N2995
BONANZA 1023-5G2AS	05	100S	230E	4304750486	17459	1 GW	Р	SWNE	D	1 MVRD	Р	UTU 33433	N2995
BONANZA 1023-5G2CS	05	100S	230E	4304750487	17462	1 GW	Р	SWNE	D	1 MVRD	Р	UTU 33433	N2995
BONANZA 1023-5G3BS	05	100S	230E	4304750488	17461	1 GW	Р	SWNE	D	1 MVRD	Р	UTU 33433	N2995
BONANZA 1023-5G3CS	05	100S	230E	4304750489	17460	1 GW	Р	SWNE	D	1 MVRD	Р	UTU 33433	N2995
BONANZA 1023-5N4AS	05	100S	230E	4304752080	18484	1 GW	DRL	SWSW	D	1 WSMVD	DRL	UTU73450	N2995
BONANZA 1023-8C2DS	05	100S	230E	4304752081	18507	1 GW	DRL	SWSW	D	1 WSMVD	DRL	UTU37355	N2995
BONANZA 6-2	06	100S	230E	4304734843	13796	1 GW	TA	NESW		1 WSMVD	TA	UTU-38419	N2995
BONANZA 1023-6C	06	100S	230E	4304735153	13951	1 GW	Р	NENW		1 MVRD	Р	U-38419	N2995
BONANZA 1023-6E	06	1008	230E	4304735358	14170	1 GW	Р	SWNW		1 MVRD	Р	U-38419	N2995
BONANZA 1023-6M	06	100S	230E	4304735359	14233	1 GW	Р	SWSW		1 WSMVD	Р	U-38419	N2995
BONANZA 1023-6G	06	100S	230E	4304735439	14221	1 GW	Р	SWNE		1 WSMVD	Р	UTU-38419	N2995
BONANZA 1023-60	06	100S	230E	4304735630	14425	1 GW	TA	SWSE		1 WSMVD	TA	U-38419	N2995

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DOMANIZA 1022 CA	06	1000	230E	4204726067	14775	4	GW	Р	NENE	1	1 WSMVD	Р	U-33433	N2995
BONANZA 1023-6A		1005	_	4304736067			GW	P	SESW		1 WSMVD	P	UTU-38419	N2995 N2995
BONANZA 1023-6N	06	1008	230E	4304737211 4304737212	15672	- 		P			1 WSMVD	P		
BONANZA 1023-6L	06	1008	230E		15673		GW		NWSW	-			UTU-38419	N2995
BONANZA 1023-6J	06	1008	230E	4304737213	15620		GW	P	NWSE	+	1 WSMVD	P	UTU-38419	N2995
BONANZA 1023-6F	06	1008	230E	4304737214	15576		GW	TA	SENW	-	1 WSMVD	TA	UTU-38419	N2995
BONANZA 1023-6P	06	1008	230E	4304737323	16794		GW	P	SESE	-	1 WSMVD	Р	UTU-38419	N2995
BONANZA 1023-6H	06	1008	230E	4304737324	16798		GW	S	SENE		1 WSMVD	S	UTU-33433	N2995
BONANZA 1023-6D	06	100\$	230E	4304737429	17020		GW	P	NWNW		1 WSMVD	P	UTU-38419	N2995
BONANZA 1023-6B	06	1008	230E	4304740398	18291		GW	P	NWNE	<u> </u>	1 WSMVD	Р	UTU-33433	N2995
BONANZA 1023-6M1BS	06	100S	230E	4304750452	17578		GW	P	NWSW	D	1 WSMVD	Р	UTU 38419	N2995
BONANZA 1023-6N1AS	06	1008	230E	4304750453	17581	ii	GW	Р	NWSW	D	1 WSMVD	Р	UTU 38419	N2995
BONANZA 1023-6N1CS	06	100S	230E	4304750454	17580		GW	Р	NWSW	D	1 WSMVD	Р	UTU 38419	N2995
BONANZA 1023-6N4BS	06	100S	230E	4304750455	17579		GW	Р	NWSW	D	1 WSMVD	Р	UTU 38419	N2995
BONANZA 1023-612S	06	100S	230E	4304750457	17790		GW	Р	NESE	D	1 WSMVD	Р	UTU 38419	N2995
BONANZA 1023-614S	06	100S	230E	4304750458	17792		GW	Р	NESE	D	1 WSMVD	Р	UTU 38419	N2995
BONANZA 1023-6J3S	06	100S	230E	4304750459	17791	1	GW	Р	NESE	D	1 WSMVD	Р	UTU 38419	N2995
BONANZA 1023-6P1S	06	100S	230E	4304750460	17793	1	GW	Р	NESE	D	1 WSMVD	Р	UTU 38419	N2995
BONANZA 1023-6A2CS	06	100S	230E	4304751430	18292	1	GW	Р	NWNE	D ·	1 WSMVD	Р	UTU33433	N2995
BONANZA 1023-6B4BS	06	100S	230E	4304751431	18293	1	GW	Р	NWNE	D	1 WSMVD	Р	UTU33433	N2995
BONANZA 1023-6B4CS	06	100S	230E	4304751432	18294	1	GW	Р	NWNE	D	1 WSMVD	Р	UTU33433	N2995
BONANZA 1023-6C4BS	06	100S	230E	4304751449	18318	1	GW	Р	NENW	D	1 WSMVD	Р	UTU38419	N2995
BONANZA 1023-6D1DS	06	100S	230E	4304751451	18316	1	GW	Р	NENW	D	1 WSMVD	Р	UTU38419	N2995
FLAT MESA FEDERAL 2-7	07	100S	230E	4304730545	18244	1	GW	S	NENW		1 WSMVD	S	U-38420	N2995
BONANZA 1023-7B	07	100S	230E	4304735172	13943	1	GW	Р	NWNE		1 MVRD	Р	U-38420	N2995
BONANZA 1023-7L	07	100S	230E	4304735289	14054	1	GW	Р	NWSW		1 WSMVD	Р	U-38420	N2995
BONANZA 1023-7D	07	100S	230E	4304735393	14171		GW	Р	NWNW		1 WSMVD	Р	U-38420	N2995
BONANZA 1023-7P	07	100S	230E	4304735510	14296		GW	Р	SESE		1 WSMVD	Р	U-38420	N2995
BONANZA 1023-7H	07	100S	230E	4304736742	15921		GW	Р	SENE	1	1 WSMVD	Р	UTU-38420	N2995
BONANZA 1023-7NX (RIGSKID)	07	100S	230E	4304736932	15923		GW	P	SESW		1 WSMVD	P		N2995
BONANZA 1023-7M	07	1005	230E	4304737215	16715		GW	P	SWSW		1 WSMVD	P		N2995
BONANZA 1023-7K	07	1005	230E	4304737216	16714		GW	P	NESW		1 WSMVD	P	UTU-38420	N2995
BONANZA 1023-7E	07	1005	230E	4304737217	16870		GW	P	SWNW		1 WSMVD	P	UTU-38420	N2995
BONANZA 1023-7G	07	1005	230E	4304737326	16765		GW	P	SWNE		1 WSMVD	P	UTU-38420	N2995
BONANZA 1023-7A	07	1005	230E	4304737327	16796		GW	P	NENE		1 WSMVD	P	UTU-38420	N2995
BONANZA 1023-7A	07	1005	230E	4304738304	16713		GW	P	SWSE		1 MVRD	P	UTU-38420	N2995
BONANZA 1023-70 BONANZA 1023-7B-3	07	100S	230E	4304738912	17016		GW	P	NWNE		1 WSMVD	P	UTU-38420	N2995
		100S	230E				GW	Р	NWSE		1 WSMVD	P		N2995
BONANZA 1023-07JT	07			4304739390	16869 17494		GW	P		D	1 WSMVD	P		N2995
BONANZA 1023-7J2AS	07	100S	230E	4304750474	-					+ +				
BONANZA 1023-7J2DS	07	1008	230E	4304750475	17495	-	GW	P		D	1 WSMVD	P		N2995
BONANZA 1023-7L3DS	07	1008	230E	4304750476	17939		GW	Р		D	1 WSMVD	P		N2995
BONANZA 1023-7M2AS	07	1008	230E	4304750477	17942		GW	P	· i	D	1 WSMVD	Р		N2995
BONANZA 1023-7N2AS	07	100S	230E	4304750478	17940		GW	Р		D	1 WSMVD	P		N2995
BONANZA 1023-7N2DS	07	100S	230E	4304750479	17941			P	NWSW	D	1 WSMVD	P		N2995
BONANZA 1023-704S	07	100S	230E	4304750480	17918		GW	P	SESE	D	1 WSMVD	Р		N2995
BONANZA 1023-7P2S	07	100S	230E	4304750482	17919			Р	SESE	D	1 WSMVD	Р		N2995
BONANZA 8-2	08	100S	230E	4304734087	13851	1 (GW	Р	SESE		1 MVRD	Р	U-37355	N2995

BONANZA 1023-8A 08 1005 230E 4304738718 14932 110W P NENE 1 WSMVD P UTU-37355 N2995 BONANZA 1023-8B 08 1005 230E 4304738729 15104 10W P NENE 1 WSMVD P UTU-37355 N2995 BONANZA 1023-8F 08 1005 230E 4304738929 14877 1 0W P SESW 1 WSMVD P UTU-37355 N2995 BONANZA 1023-8B 08 1005 230E 4304738921 15355 1 0W P NESE 1 WSMVD P UTU-37355 N2995 BONANZA 1023-8G 08 1005 230E 4304738921 15355 1 0W P NESE 1 WSMVD P UTU-37355 N2995 BONANZA 1023-8G 08 1005 230E 4304738217 15564 1 0W P NESE 1 WSMVD P UTU-37355 N2995 BONANZA 1023-8G 08 1005 230E 4304738217 15564 1 0W P SWSW 1 MVRD P UTU-37355 N2995 BONANZA 1023-8G 08 1005 230E 4304738218 18397 1 0W P SWNW 1 MVRD P UTU-37355 N2995 BONANZA 1023-8G 08 1005 230E 4304738218 18397 1 0W P SWNW 1 WSWVD P UTU-37355 N2995 BONANZA 1023-8G 08 1005 230E 4304738218 16397 1 0W P NENW 1 WSWVD P UTU-37355 N2995 BONANZA 1023-8G 08 1005 230E 4304738218 16392 1 0W P NENW 1 WSWVD P UTU-37355 N2995 BONANZA 1023-8G 08 1005 230E 4304738221 16322 1 0W P NENW 1 WSWVD P UTU-37355 N2995 BONANZA 1023-8G 08 1005 230E 4304738218 16322 1 0W P NENW 1 WSWVD P UTU-37355 N2995 BONANZA 1023-8G 08 1005 230E 4304738218 16339 1 0W P SENE 1 WSWVD P UTU-37355 N2995 BONANZA 1023-8G 08 1005 230E 4304738218 16339 1 0W P NENW 1 WSWVD P UTU-37355 N2995 BONANZA 1023-8G 08 1005 230E 4304738918 17919 1 0W P NENE 1 WSWVD P UTU-37355 N2995 BONANZA 1023-8G 08 1005 230E 4304750481 17519 1 0W P NENE D WSWVD P UTU-37355 N2995 BONANZA 1023-8G 08 1005 230E 4304750481 17519 1 0W P NENE D WSWVD P UTU-37355 N2995 BONANZA 1023-8G 08 1005 230E 4304750481 17519 1 0W P NENE D WSWVD P UTU-37355	BONANZA 8-3	08	100S	230E	4304734770	13843	1 GW	Р	NWNW		1 MVRD	Р	U-37355	N2995
BONANZA 1023-8L 08 100S 230E 4304738719 14876 1 GW P NWSW 1 WSMVD P UTU-37355 N2995 BONANZA 1023-8P 08 100S 230E 43047387989 14877 1 GW S SENW 1 WSMVD P UTU-37355 N2995 BONANZA 1023-8 08 100S 230E 4304738216 16354 1 GW P NESE 1 WSMVD P UTU-37355 N2995 BONANZA 1023-8 08 100S 230E 4304738216 16354 1 GW P NESE 1 WSMVD P UTU-37355 N2995 BONANZA 1023-8 08 100S 230E 4304738216 16354 1 GW P NESW 1 WSMVD P UTU-37355 N2995 BONANZA 1023-8 08 100S 230E 4304738216 16354 1 GW P NESW 1 WSMVD P UTU-37355 N2995 BONANZA 1023-8 08 100S 230E 4304738216 16354 1 GW P SWWW 1 WSMVD P UTU-37355 N2995 BONANZA 1023-8 08 100S 230E 4304738218 16903 1 GW P SWWW 1 WSMVD P UTU-37355 N2995 BONANZA 1023-8 08 100S 230E 4304738219 16903 1 GW P SWWW 1 WSMVD P UTU-37355 N2995 BONANZA 1023-8 08 100S 230E 4304738220 16355 1 GW P NESW 1 WSMVD P UTU-37355 N2995 BONANZA 1023-8 08 100S 230E 4304738220 16355 1 GW P NESW 1 WSMVD P UTU-37355 N2995 BONANZA 1023-8 08 100S 230E 4304738221 16392 1 GW P NESW 1 WSMVD P UTU-37355 N2995 BONANZA 1023-8 08 100S 230E 4304738221 16392 1 GW P NESW 1 WSMVD P UTU-37355 N2995 BONANZA 1023-8 08 100S 230E 4304738222 16353 1 GW P NESW 1 WSMVD P UTU-37355 N2995 BONANZA 1023-8 08 100S 230E 4304738221 16392 1 GW P NESW 1 WSMVD P UTU-37355 N2995 BONANZA 1023-8 08 100S 230E 430473821 1 GW P SWSE 1 WSMVD P UTU-37355 N2995 BONANZA 1023-8 08 100S 230E 4304738414 17019 1 GW P NENE 1 WSMVD P UTU-37355 N2995 BONANZA 1023-8 08 100S 230E 430475849 1 T518 1 GW P NENE 1 WSMVD P UTU-37355 N2995 BONANZA 1023-8 08 100S 230E 430475849 1 T518 1 GW P NENE 1 WSMVD P UTU-37355 N2995 BONANZA 1023-8 08 100S 230E 430475849 1 T518 1 GW P NENE 1 WSMVD P UTU-37355 N2995 BONANZA 1023-8 08 100S 230E 430475849 1 T518 1 GW P NENE 1 WSMVD P UTU-37355 N2995 BONANZA 1023-8 03S 0 8 100S 230E 430475849 1 T518 1 GW P NENE 1 WSMVD P UTU-37355 N2995 BONANZA 1023-8 03S 0 8 100S 230E 430475849 1 T518 1 GW P NENE 1 WSMVD P UTU-37355 N2995 BONANZA 1023-8 03S 0 8 100S 230E 430475849 1 T544 1 GW P NENE 1 WSMVD P UTU-37355 N2995 BONANZA 1023-8 03S 0 8 100S 230E 430475849	BONANZA 1023-8A	08	100S	230E	4304735718	14932	1 GW	Р	NENE		1 WSMVD	Р	UTU-37355	N2995
BONANZA 1023-8N 08 100S 230E 4304735720 15104 1 GW P SESW 1 IWSMVD P UTU-37355 N2995 BONANZA 1023-8F 08 100S 230E 4304738215 16358 1 GW P NESE 1 WSMVD P UTU-37355 N2995 BONANZA 1023-8 08 100S 230E 4304738215 16358 1 GW P NESE 1 WSMVD P UTU-37355 N2995 BONANZA 1023-8 08 100S 230E 4304738216 16354 1 GW P NESE 1 WSMVD P UTU-37355 N2995 BONANZA 1023-8 08 100S 230E 4304738216 16354 1 GW P NESE 1 WSMVD P UTU-37355 N2995 BONANZA 1023-8 08 100S 230E 4304738216 16354 1 GW P SWSW 1 MYRD P UTU-37355 N2995 BONANZA 1023-8 08 100S 230E 4304738218 18903 1 GW P SWSW 1 MYRD P UTU-37355 N2995 BONANZA 1023-8 08 100S 230E 4304738219 16397 1 GW P SWNW 1 WSMVD P UTU-37355 N2995 BONANZA 1023-8 08 100S 230E 4304738221 16222 1 GW P NWNE 1 WSMVD P UTU-37355 N2995 BONANZA 1023-8 08 100S 230E 4304738221 16222 1 1 GW P NWNE 1 WSMVD P UTU-37355 N2995 BONANZA 1023-8 08 100S 230E 4304738221 16222 1 1 GW P NWNE 1 WSMVD P UTU-37355 N2995 BONANZA 1023-8 08 100S 230E 4304738236 1 1 GW P SWSW P NWNE 1 WSMVD P UTU-37355 N2995 BONANZA 1023-8 08 100S 230E 4304738236 1 1 GW P SWSW P NWNE 1 WSMVD P UTU-37355 N2995 BONANZA 1023-8 08 100S 230E 4304738363 1 1 GW P SWSW P NWNE 1 WSMVD P UTU-37355 N2995 BONANZA 1023-8 08 100S 230E 4304738363 1 1 GW P SWSW P NWNE 1 WSMVD P UTU-37355 N2995 BONANZA 1023-8 08 100S 230E 4304758438 1 1 GW P SWSW P NWNE 1 WSMVD P UTU-37355 N2995 BONANZA 1023-8 08 100S 230E 4304758438 1 1 GW P SWSW P NWNE 1 WSMVD P UTU-37355 N2995 BONANZA 1023-8 08 100S 230E 430475848 1 1 GW P NWNE 1 WSMVD P UTU-37355 N2995 BONANZA 1023-8 08 100S 230E 430475848 1 1 GW P NWNE D 1 WSMVD P UTU-37355 N2995 BONANZA 1023-8 08 100S 230E 430475848 1 1 GW P NWNE D 1 WSMVD P UTU-37355 N2995 BONANZA 1023-8 08 100S 230E 430475849 1 1 GW P NWNE D 1 WSMVD P UTU-37355 N2995 BONANZA 1023-8 08 100S 230E 430475849 1 1 GW P NWNE D 1 WSMVD P UTU-37355 N2995 BONANZA 1023-8 08 100S 230E 430475849 1 1 GW P NWNE D 1 WSMVD P UTU-37355 N2995 BONANZA 1023-8 08 100S 230E 430475849 1 1 GW P NWNE D 1 WSMVD P UTU-37355 N2995 BONANZA 1023-8 08 100S 230E 430475849 1 1 GW P NWNE D			100S	230E	4304735719	14876	1 GW	Р	NWSW		1 WSMVD	Р	UTU-37355	N2995
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BONANZA 1023-8P2BS 108 100S 230E 4304751147 18153 1 1 1 1 1 WSMVD P UTU 37355 N2995 I	BONANZA 1023-8P2BS	08	100S	230E	4304751147	18153	1 GW	P	NESE	D	1 WSMVD	Р		N2995
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	BONANZA 1023-8E2DS			<u> </u>				1				-		

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BONANZA 1023-8E3DS	80	100S	230E	4304751150	18200	1 GW	P	NWSW	D	1 WSMVD	Р	UTU 37355	N2995
BONANZA 1023-8K1CS	80	100S	230E	4304751151	18199	1 GW	P	NWSW	D	1 WSMVD	Р	UTU 37355	N2995
BONANZA 1023-8K4CS	08	100S	230E	4304751152	18198	1 GW	P	NWSW	D	1 WSMVD	Р	UTU 37355	N2995
BONANZA 1023-8L3DS	80	100S	230E	4304751153	18197	1 GW	P	NWSW	D	1 WSMVD	Р	UTU 37355	N2995
BONANZA 1023-8M2AS	80	100S	230E	4304751154	18217	1 GW	Р	SWSW	D	1 WSMVD	Р	UTU 37355	N2995
BONANZA 1023-8M2DS	80	100S	230E	4304751155	18216	1 GW	Р	SWSW	D	1 WSMVD	Р	UTU 37355	N2995
BONANZA 1023-8N2BS	80	100S	230E	4304751156	18218	1 GW	Р	swsw	D	1 WSMVD	Р	UTU 37355	N2995
BONANZA 1023-803CS	80	100S	230E	4304751157	18254	1 GW	Р	SWSE	D	1 WSMVD	Р	UTU 37355	N2995
BONANZA 1023-8N3DS	80	100S	230E	4304751158	18215	1 GW	Р	swsw	D	1 WSMVD	Р	UTU 37355	N2995
BONANZA 1023-804AS	08	100S	230E	4304751159	18252	1 GW	Р	SWSE	D	1 WSMVD	Р	UTU 37355	N2995
BONANZA 1023-8P2CS	08	100S	230E	4304751160	18251	1 GW	Р	SWSE	D	1 WSMVD	Р	UTU 37355	N2995
BONANZA 1023-8P3CS	08	100S	230E	4304751161	18253	1 GW	Р	SWSE	D	1 WSMVD	Р	UTU 37355	N2995
CANYON FEDERAL 2-9	09	100S	230E	4304731504	1468	1 GW	Р	NENW	1	1 MVRD	Р	U-37355	N2995
SOUTHMAN CANYON 9-3-M	09	100S	230E	4304732540	11767	1 GW	S	swsw		1 MVRD	S	UTU-37355	N2995
SOUTHMAN CANYON 9-4-J	09	100S	230E	4304732541	11685	1 GW	S	NWSE		1 MVRD	S	UTU-37355	N2995
BONANZA 9-6	09	100S	230E	4304734771	13852	1 GW	P	NWNE]	1 MVRD	Р	U-37355	N2995
BONANZA 9-5	09	100S	230E	4304734866	13892	1 GW	Р	SESW		1 MVRD	Р	U-37355	N2995
BONANZA 1023-9E	09	100S	230E	4304735620	14931	1 GW	Р	SWNW		1 WSMVD	Р	U-37355	N2995
BONANZA 1023-9I	09	100S	230E	4304738223	16766	1 GW	Р	NESE		1 WSMVD	Р	UTU-37355	N2995
BONANZA 1023-9D	09	100S	230E	4304738306	16398	1 GW	Р	NWNW		1 WSMVD	Р	UTU-37355	N2995
BONANZA 1023-9J	09	100S	230E	4304738811	16989	1 GW	Р	NWSE		1 WSMVD	Р	UTU-37355	N2995
BONANZA 1023-9B3BS	09	100S	230E	4304750503	17965	1 GW	Р	SENE	D	1 WSMVD	Р	UTU 37355	N2995
BONANZA 1023-9B3CS	09	100S	230E	4304750504	17968	1 GW	Р	SENE	D	1 WSMVD	Р	UTU 37355	N2995
BONANZA 1023-9H2BS	09	100S	230E	4304750505	17966	1 GW	Р	SENE	D	1 WSMVD	Р	UTU 37355	N2995
BONANZA 1023-9H2CS	09	100S	230E	4304750506	17967	1 GW	Р	SENE	D	1 WSMVD	Р	UTU 37355	N2995
BONANZA 10-2	10	100S	230E	4304734704	13782	1 GW	Р	NWNW		1 MVRD	Р	U-72028	N2995
BONANZA 1023-10L	10	100S	230E	4304735660	15164	1 GW	Р	NWSW		1 WSMVD	Р	U-38261	N2995
BONANZA 1023-10E	10	100S	230E	4304738224	16501	1 GW	Р	SWNW		1 MVRD	Р	UTU-72028	N2995
BONANZA 1023-10C	10	100S	230E	4304738228	16500	1 GW	Р	NENW		1 MVRD	Р	UTU-72028	N2995
BONANZA 1023-10C-4	10	100S	230E	4304738915	17015	1 GW	Р	NENW		1 MVRD	Р	UTU-72028	N2995
BONANZA 11-2 🛠	11	100S	230E	4304734773	13768	1 GW	Р	SWNW		1 MVMCS	Р	UTU-38425	N2995
BONANZA 1023-11K	11	100S	230E	4304735631	15132	1 GW	Р	NESW		1 WSMVD	Р	UTU-38425	N2995
BONANZA 1023-11B	11	100S	230E	4304738230	16764	1 GW	Р	NWNE		1 MVRD	Р	UTU-38425	N2995
BONANZA 1023-11F	11	100S	230E	4304738232	16797	1 GW	Р	SENW		1 MVRD	Р	UTU-38425	N2995
BONANZA 1023-11D	11	100S	230E	4304738233	16711	1 GW	Р	NWNW		1 MVRD	Р	UTU-38425	N2995
BONANZA 1023-11G	11	100S	230E	4304738235	16826	1 GW	Р	SWNE		1 MVRD	Р	UTU-38425	N2995
BONANZA 1023-11C	11	100S	230E	4304738309	16736	1 GW	Р	NENW		1 MVRD	Р	UTU-38425	N2995
BONANZA 1023-11J	11	100S	230E	4304738310	16839	1 GW	Р	NWSE		1 WSMVD	Р	UTU-38424	N2995
BONANZA 1023-11N	11	100S	230E	4304738311	16646	1 GW	Р	SESW		1 MVRD	Р	UTU-38424	N2995
BONANZA 1023-11M	11	100S	230E	4304738312	16687	1 GW	Р	swsw	j	1 MVRD	Р	UTU-38424	N2995
BONANZA 1023-11L	11	100S	230E	4304738812	16987	1 GW	Р	NWSW		1 WSMVD	Р	UTU-38424	N2995
NSO FEDERAL 1-12	12	100S	230E	4304730560	1480	1 GW	Р	NENW		1 MVRD	Р		N2995
WHITE RIVER 1-14	14	100S	230E	4304730481	1500	1 GW	s	NENW		1 MVRD	S	U-38427	N2995
BONANZA 1023-14D	14	100S	230E	4304737030	16799	1 GW	Р	NWNW		1 MVRD	Р		N2995
BONANZA 1023-14C	14		230E	4304738299	16623	1 GW	Р	NENW			Р		N2995
BONANZA FEDERAL 3-15	15	1008	230E	4304731278	8406	1 GW	-	NENW		1 MVRD	Р	U-38428	N2995
DOIVAIVEAT EDETIVIE 0-10		1.550					1.	1			·		

* not moved into unit

BONANZA 1023-15H	15	100S	230E	4304738316	16688		1 GW	Р	SENE	T	1 MVRD	Р	UTU-38427	N2995
BONANZA 1023-15J	15	100S	230E	4304738817	16988	,	1 GW	Р	NWSE		1 MVRD	Р	UTU-38427	N2995
BONANZA 1023-15H4CS	15	100S	230E	4304750741	17492		1 GW	Р	NESE	D	1 MVRD	Р	UTU 38427	N2995
BONANZA 1023-15I2AS	15	100S	230E	4304750742	17493		1 GW	Р	NESE	D	1 WSMVD	Р	UTU 38427	N2995
BONANZA 1023-15I4BS	15	100S	230E	4304750743	17490		1 GW	Р	NESE	D	1 WSMVD	Р	UTU 38427	N2995
BONANZA 1023-15P1BS	15	100S	230E	4304750744	17491		I GW	Р	NESE	D	1 WSMVD	Р	UTU 38427	N2995
LOOKOUT POINT STATE 1-16	16	100S	230E	4304730544	1495	3	GW	Р	NESE		3 WSMVD	Р	ML-22186-A	N2995
BONANZA 1023-16J	16	100S	230E	4304737092	15987		GW	OPS	NWSE		3 WSMVD	OPS	ML-22186-A	N2995
BONANZA 1023-17B	17	100S	230E	4304735747	15165		I GW	Р	NWNE		1 WSMVD	Р	UTU-37355	N2995
BONANZA 1023-17C	17	100S	230E	4304738237	16585		I GW	Р	NENW		1 WSMVD	Р	UTU-37355	N2995
BONANZA 1023-17D3S	17	100S	230E	4304750511	17943		GW	Р	NENW	D	1 WSMVD	Р	UTU 37355	N2995
BONANZA 1023-17E2S	17	100S	230E	4304750512	17944		GW	Р	NENW	D	1 WSMVD	Р	UTU 37355	N2995
BONANZA 1023-17E3AS	17	100S	230E	4304750513	17945	1	GW	Р	NENW	D	1 WSMVD	Р	UTU 37355	N2995
BONANZA 1023-17E3CS	17	100S	230E	4304750514	17946	1	GW	Р	NENW	D	1 WSMVD	Р	UTU 37355	N2995
BONANZA 1023-18G	18	100S	230E	4304735621	14410	•	GW	Р	SWNE		1 WSMVD	Р	U-38241	N2995
BONANZA 1023-18B	18	100S	230E	4304735721	14395		GW	Р	NWNE		1 WSMVD	Р	U-38421	N2995
BONANZA 1023-18DX (RIGSKID)	18	100S	230E	4304736218	14668	1	GW	Р	NWNW		1 WSMVD	Р	U-38241	N2995
BONANZA 1023-18A	18	100S	230E	4304738243	16625	1	GW	Р	NENE		1 WSMVD	Р	UTU-38421	N2995
BONANZA 1023-18F	18	100S	230E	4304738244	16624	1	GW	Р	SENW		1 WSMVD	Р	UTU-38421	N2995
BONANZA 1023-18E	18	100S	230E	4304738245	16645	1	GW	Р	SWNW		1 MVRD	Р	UTU-38421	N2995
BONANZA 1023-18C	18	100S	230E	4304738246	16734	1	GW	Р	NENW		1 MVRD	Р	UTU-38421	N2995
BONANZA 1023-18G-1	18	100S	230E	4304738916	17135	1	GW	Р	SWNE		1 WSMVD	Р	UTU-38421	N2995
BONANZA 1023-18D3AS	18	100S	230E	4304750448	17498	. 1	GW	Р	SWNW	D	1 WSMVD	Р	UTU 38421	N2995
BONANZA 1023-18D3DS	18	100S	230E	4304750449	17499	1	GW	Р	SWNW	D	1 WSMVD	Р	UTU 38421	N2995
BONANZA 1023-18E2DS	18	100S	230E	4304750450	17497	1	GW	Р	SWNW	D	1 WSMVD	P	UTU 38421	N2995
BONANZA 1023-18E3AS	18	100S	230E	4304750451	17496	1	GW	Р	SENW	D	1 WSMVD	Р	UTU 38421	N2995
BONANZA 1023-18L2S	18	100S	230E	4304750520	18111		GW	P	SWNW	D	1 WSMVD	Р	UTU 38421	N2995
BONANZA 1023-18L3S	18	100S	230E	4304750521	18110	1	GW	Р	SWNW	D	1 WSMVD	Р	UTU 38421	N2995
BONANZA 1023-18K3AS	18	100S	230E	4304751061	18112	1	GW	Р	SWNW	D	1 WSMVD	Р	UTU 38421	N2995
BONANZA 1023-18K3BS	18	100S	230E	4304751063	18113	1	GW	Р	SWNW	D	1 WSMVD	Р	UTU 38421	N2995
BONANZA 1023-18M2AS	18	100S	230E	4304751064	18117	1	GW	Р	SWNW	D	1 WSMVD	Р	UTU 38421	N2995
BONANZA 1023-18M2DS	18	100S	230E	4304751065	18116	1	GW	Р	SWNW	D	1 WSMVD	Р	UTU 38421	N2995
BONANZA 1023-18N2AS	18	100S	230E	4304751066	18114		GW	Р	SWNW	D	1 WSMVD	Р	UTU 38421	N2995
BONANZA 1023-18N2DS	18	100S	230E	4304751067	18115	1	GW	Р	SWNW	D	1 WSMVD	P	UTU 38421	N2995
BONANZA 1023-10F	10	100S	230E	4304738225	16565		GW	Р	SENW		MVRD	Ρ	UTU 72028	N2995
BONANZA 1023-6D1AS	6	100S	230E	4304751450	18320		GW	P	NENW	D	WSMVD	Р	UTU 38419	N2995
BONANZA 1023-6C1CS	6	100S	230E	4304751448	18319		GW		NENW	D			UTU 38419	N2995
BONANZA 1023-6D3AS	6	100S	230E	4304751452	18317		GW	Р	NENW	D	WSMVD	Р	UTU 38419	N2995

Sundry Number: 63369 API Well Number: 43047373260000

	STATE OF UTAH				FORM 9
	DEPARTMENT OF NATURAL RESOUR DIVISION OF OIL, GAS, AND MII		i	5.LEASE D	DESIGNATION AND SERIAL NUMBER: 420
SUNDR	RY NOTICES AND REPORTS	ON	WELLS	6. IF INDIA	N, ALLOTTEE OR TRIBE NAME:
	posals to drill new wells, significantly reenter plugged wells, or to drill horizon for such proposals.			7.UNIT or PONDER	CA AGREEMENT NAME: OSA
1. TYPE OF WELL Gas Well				1 -	AME and NUMBER: ZA 1023-7G
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ON	NSHORE, L.P.			9. API NUN 430473	MBER: 73260000
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18tl	h Street, Suite 600, Denver, CO, 8021		NE NUMBER: 9 720 929-6	1	ind POOL or WILDCAT: L BUTTES
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1941 FNL 2110 FEL				COUNTY: UINTAH	
QTR/QTR, SECTION, TOWNSH	HIP, RANGE, MERIDIAN: 07 Township: 10.0S Range: 23.0E Meri	dian:	S	STATE: UTAH	
11. CHEC	K APPROPRIATE BOXES TO INDICA	TE N	ATURE OF NOTICE, REPOR	T, OR OT	HER DATA
TYPE OF SUBMISSION			TYPE OF ACTION		
	ACIDIZE		ALTER CASING		CASING REPAIR
NOTICE OF INTENT Approximate date work will start:	CHANGE TO PREVIOUS PLANS		CHANGE TUBING		CHANGE WELL NAME
7,pp. Oximute date notice and control	CHANGE WELL STATUS		COMMINGLE PRODUCING FORMATIONS		CONVERT WELL TYPE
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN	□ F	RACTURE TREAT		NEW CONSTRUCTION
5/18/2015	OPERATOR CHANGE		PLUG AND ABANDON		PLUG BACK
SPUD REPORT	PRODUCTION START OR RESUME		RECLAMATION OF WELL SITE		RECOMPLETE DIFFERENT FORMATION
Date of Spud:	REPERFORATE CURRENT FORMATION		SIDETRACK TO REPAIR WELL		FEMPORARY ABANDON
	TUBING REPAIR		ENT OR FLARE		WATER DISPOSAL
DRILLING REPORT	WATER SHUTOFF		SI TA STATUS EXTENSION		APD EXTENSION
Report Date:		;	I IA STATUS EXTENSION		
	WILDCAT WELL DETERMINATION	V	OTHER		TUBING FAILURE
A WORKOVER FO	COMPLETED OPERATIONS. Clearly show R TUBING FAILURE HAS BEEN 7G, SEE THE ATTACHED OPI REPORT	N CC	MPLETED ON THE	FOR	ccepted by the stah Division of Gas and Mining RECORD ONLY ay 19, 2015
NAME (PLEASE PRINT) Doreen Green	PHONE NUME 435 781-9758	BER	TITLE Regulatory Analyst II		
SIGNATURE	430 /01-9/00		DATE		
N/A			5/19/2015		

RECEIVED: May. 19, 2015

Sundry Number: 63369 API Well Number: 43047373260000

							KIES RI	EGION Iry Report	
Well: BONANZA	. 1023-7G			Spud Co	nductor: 3	3/28/2008	,	Spud date: 4/3	3/2008
Project: UTAH-U	INTAH			Site: BOI	NANZA 10	23-7G			Rig name no.: MILES 2/2
Event: WELL W	ORK EXP	ENSE		Start date	e: 5/4/201	5			End date: 5/7/2015
Active datum: RI	KB @5,34	0.00usft (al	a	UWI: BO	ONANZA	1023-7G			
Date		Time art-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation
5/6/2015	7:00	- 7:30	0.50	MAINT	48		Р		HSM, RIGGING UP RIG.
	7:30	- 8:30	1.00	MAINT	30	Α	Р		RD OFF BON 1023-7A, MIRU
		- 12:30	4.00	MAINT	31	I	Р		SICP & SITP 60 PSI, BLEW WELL DWN, ND WH UNLAND TBG NOT STUCK, RELAND, NU BOPS RU FLOOR UNLAND TBG L/D HANGER. PU 6 JTS 23/8 J-55 TAG @ 7982',283' ABOVE BTM PERF @ 8265', L/D 6 JTS RU SCAN TECH.
	12:30	- 17:00	4.50	MAINT	45	A	Р		SCAN OUT W/ 247 JTS 23/8 J-55, 193 YB, 41 BB, 13 RED, HOLE IN JT 203, RED JTS WERE INSIDE PITTING, RD SCAN TECH. RIH W/ 37/8 MILL & 66 JTS EOT @ 2072' SWI SDFN.
5/7/2015	7:00	- 7:30	0.50	MAINT	48		Р		HSM, WORKING W/ FOAM UNIT
	7:30	- 9:00	1.50	MAINT	31	I	Р		SICP 590 PSI,OPEN CSG TO FB TNK, CONTROL TBG W/ 10 BBLS T-MAC RIH TAG UP @ 7960', RU DRLG EQUIP INSTALLED TSF.
	9:00	- 12:00	3.00	MAINT	44	D	Р		BROKE CIRC W/ AIR/FOAM, IN 1 HR, C/O SCALE F/ 7960 TO 8286' 21' BELOW BTM PERF, CIRC CLN, KILL TBG, RD SWIVEL.
	12:00	- 17:00	5.00	MAINT	31	I	Р		L/D 16 JTS REM TSF, POOH W/ 247 JTS 23/8 J-55 L/D MILL.RIH W/ 1.875 X/N & 247 JTS 23/8 J-55, LAND TBG, SWI SDFN.
									KB = 18' HANGER = .83' 247 JTS 23/8 J-55 = 7788.59' 1.875 X/N = 1.05' EOT @ 7808.59'
5/8/2015	7:00	- 14:00	7.00	MAINT	42		Р		SWABBING-FLUID LEVEL 4800'
5/11/2015	7:00	- 15:00	8.00	PROD	42		Р		SWABBING FL 4800
5/12/2015	7:00	- 17:00	10.00	PROD	42		Р		SWABBING FL 5350
5/13/2015	7:00	- 15:00	8.00	PROD	42		Р		SWABBING FL 5450
5/14/2015	7:00	- 15:00	8.00	PROD	42		Р		SWABBING FL 6300

5/19/2015 12:43:06PM 1

Sundry	Number: 0	53369 Z	APT We	-11 N	Jumbe	r: 4	30473732	260000
				U	S ROCK	KIES R	EGION	
				Opera	ition S	umma	ary Report	
Well: BONANZA	1023-7G		Spud Co	nductor: 3	3/28/2008		Spud date: 4/3/2	2008
Project: UTAH-U	INTAH		Site: BO	NANZA 10)23-7G			Rig name no.: MILES 2/2
Event: WELL WO	ORK EXPENSE	Start date	e: 5/4/201	5			End date: 5/7/2015	
Active datum: Rk Level)	KB @5,340.00usft (ab	ove Mean Se	a	UWI: BO) Aznanc	1023-7G		
Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation
	7:00 - 11:00	4.00	MAINT	35		P		WELL NAME: bonanza 1023 7G Job Code: 80012176 WINS #: ZID: CTS953 FOREMAN: V1-Ryan Kunkel MECHANICAL: Craig Massey SLICKLINE COMPANY Jdm SLICKLINE OPERATOR Bj Troendle TEL.NUMBER: 435-828-0596 DATE: 5/14/2015 Ex. mm/dd/yy scale knocker would not run for swab rig, rih w jdc tool 7809 latched and hit with spangs and jarred 3 times pooh w pcs scale knocker the bottom no got was going into sn and sticking it, rih w scratcher 8280, rih w broach 7809, dropped 3 chem sticks and new pcs high impact and chased to 7809, dropped new viper and rts cp 710 tp 372 FLUID LEVEL 6100 SEAT NIPPLE DEPTH 7809 SN TYPE x TD (Max Depth) 8280
5/15/2015	7:00 - 15:00	8.00	MAINT	42	В	Р		SWABBING -FLUID LEVEL 5250'
5/18/2015	7:00 - 10:30	3.50	PROD	42	В	Р		SWABBING FL 5300'

5/19/2015 12:43:06PM 2